

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: June 6, 2005, 11:34:21 ; Search time 98 Seconds
(without alignment)
1729.574 Million cell updates/sec

Title: US-09-938-418-8

Perfect score: 1760

Sequence: 1 MENSPAAALGKALCALLA.....NGSPCELEBAECVPCNCV 331

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1612378 seqs, 512079187 residues

Total number of hits satisfying chosen parameters: 1612378

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

UniProt_03.*

1: uniprot_sprot.*

2: uniprot_trembl.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match %	Length	DB	ID	Description
1	1760	100.0	331	1	SPO2_HUMAN	Q9bud6 homo sapien
2	1505.5	85.5	330	1	SPO2_RAT	Q9w757 ratu
3	1493.5	84.9	330	1	SPO2_MOUSE	Q8bms2 mus musculu
4	1487.5	84.5	330	2	Q8VD28	Q8vd28 mus musculu
5	1395	79.3	289	2	Q6KAS6	Q6kas6 mus musculu
6	1112.5	63.2	313	2	Q6DCM4	Q6dcm4 xenopus lae
7	1105	62.8	331	2	Q42112	Q42112 brachydanio
8	877	49.8	334	2	Q42111	Q42111 brachydanio
9	524.5	29.8	601	2	Q9V746	Q9v746 drosophila
10	514	29.2	598	2	O02029	O02029 drosophila
11	471.5	26.8	808	2	Q42113	Q42113 brachydanio
12	463	26.3	729	2	Q69Z27	Q69z27 mus musculu
13	460.5	26.1	802	1	SPO1_CHICK	Q9w770 gallu
14	458.5	26.1	807	1	SPO1_MOUSE	Q8vcc9 mus musculu
15	458.5	26.1	807	1	SPO1_RAT	P35446 rattu
16	456.5	25.9	807	1	SPO1_BOVIN	Q9glx9 bos tauru
17	456.5	25.9	807	1	SPO1_HUMAN	Q9hcb6 homo sapien
18	456	25.9	898	2	Q76822	Q76822 brachio
19	448	25.5	628	2	Q7KRf4	Q7krf4 drosophila
20	448	25.5	763	2	Q9XZD0	Q9xzd0 drosophila
21	447.5	25.4	803	1	SPO1_XENLA	P35447 xenopus lae
22	444	25.2	803	2	Q42114	Q42114 brachydanio
23	443.5	25.2	873	2	Q7KR42	Q7kr42 drosophila
24	441.5	25.1	951	2	Q7Q082	Q7q082 anopheles g
25	437	24.8	608	2	Q7P275	Q7p275 anopheles g
26	423.5	24.1	839	2	Q8ML26	Q8ml26 drosophila
27	420.5	23.9	216	2	Q9H711	Q9h711 homo sapien
28	403	22.9	819	2	Q19305	Q19305 caenorhabdi
29	304	17.3	861	2	Q8ML27	Q8ml27 drosophila
30	280.5	15.9	549	2	Q8T988	Q8t988 drosophila
31	272.5	15.5	461	2	Q95822	Q95822 drosophila

32	225.5	12.8	92	2	Q6DC15	Q6dc15 brachydanio
33	146.5	8.3	1107	2	Q8BHP3	Q8bhp3 mus musculu
34	146	8.3	1507	2	Q8P4U0	Q8p4u0 mus musculu
35	144.5	8.2	1536	2	Q9C014	Q9c014 homo sapien
36	140.5	8.0	238	2	Q69HT6	Q69ht6 homo sapien
37	134	7.6	1502	2	Q9UPZ6	Q9upz6 mus musculu
38	134	7.6	1668	2	Q69ZU6	Q69zu6 mus musculu
39	130	7.4	3869	2	Q86PQ3	Q86pq3 cryptospori
40	128	7.3	656	2	Q86PQ8	Q86pq8 cryptospori
41	128	7.3	687	2	Q23729	Q23729 cryptospori
42	125	7.1	660	2	Q23832	Q23832 cryptospori
43	124	7.0	921	2	Q969A3	Q969a3 brachio
44	123	7.0	243	2	Q8BFU0	Q8bfu0 m mus muscu
45	122.5	7.0	437	2	Q7YY59	Q7yy59 cryptospori

ALIGNMENTS

RESULT 1

SPO2_HUMAN

ID SPO2_HUMAN STANDARD; PRT; 331 AA.

AC Q9BUD6; Q9ULM1;

DT 25-OCT-2004 (Rel. 45, Created)

DT 25-OCT-2004 (Rel. 45, Last sequence update)

DT 25-JAN-2005 (Rel. 46, Last annotation update)

DE Spondin 2 precursor (Mindin) (Differentially expressed in cancerous

DE and noncancerous lung cells 1) (DIL-1) (UNQ435/PRO866).

GN Name=SPON2; Synonyms=Dil1;

OS Homo sapiens (Human)

OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

OC Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

OX NCBI_TaxID=9606;

RN [1]

RP SEQUENCE FROM N.A., TISSUE SPECIFICITY, AND VARIANTS ALA-122 AND

RP VAL-242.

RX MEDLINE=99443867; PubMed=10512675; DOI=10.1006/geno.1999.5939;

RA Manda R., Kohno T., Matsuno Y., Takenoshita S., Kuwano H., Yokota J.;

RT "Identification of genes (SPON2 and C20orf2) differentially expressed

RT between cancerous and noncancerous lung cells by mRNA differential

RT display.";

RL Genomics 61:5-14(1999).

RN [2]

RP SEQUENCE FROM N.A.

RX MEDLINE=22887296; PubMed=12975309; DOI=10.1101/gr.1293003;

RA Clark H.F., Gurney A.L., Abaya E., Baker K., Baldwin D., Brush J.,

RA Chen J., Chow B., Chui C., Crowley C., Currell B., Deuel B., Dowd P.,

RA Eaton D., Foster J., Grimaldi C., Gu Q., Hass P.E., Heldens S.,

RA Huang A., Kim H.S., Klinowski L., Jin Y., Johnson S., Lee J.,

RA Lewis L., Liao D., Mark M., Robbie E., Sanchez C., Schoenfeld J.,

RA Seshagiri S., Simmons L., Singh J., Smith V., Stinson J., Vagts A.,

RA Vandlen R., Watanabe C., Wieand D., Woods K., Xie M.-H., Yansura D.,

RA Yi S., Yu G., Yuan J., Zhang M., Zhang Z., Goddard A., Wood W.I.,

RA Godowski P., Gray A.;

RT "The secreted protein discovery initiative (SPDI), a large-scale

RT effort to identify novel human secreted and transmembrane proteins: a

RT bioinformatics assessment.";

RL Genome Res. 13:2265-2270(2003).

RN [3]

RP SEQUENCE FROM N.A., AND VARIANTS ALA-122 AND VAL-242.

RX PubMed=14702039; DOI=10.1038/ng1285;

RA Ota T., Suzuki Y., Nishikawa T., Otsuki T., Sugiyama T., Irie R.,

RA Wakamatsu A., Hayashi K., Sato H., Nagai K., Kimura K., Makita H.,

RA Sekine M., Ohyashi M., Nishi T., Shibahara T., Tanaka T., Ishii S.,

RA Yamamoto J.-I., Saito K., Kawai Y., Isono Y., Nakamura Y.,

RA Nagahori K., Murakami K., Yasuda T., Iwayanagi T., Wagatsuma M.,

RA Shiratori A., Sudo H., Hosoiri T., Kaku Y., Kodaira H., Kondo H.,

RA Sugawara M., Takahashi M., Kanda K., Yokoi T., Furuya T., Kikkawa E.,

RA Omura Y., Abe K., Kamihara K., Katsuta N., Sato K., Tanikawa M.,

RA Yamazaki M., Ninomiya K., Ishibashi T., Yamashita H., Murakawa K.,

RA Fujimori K., Tanai H., Kimata M., Watanabe M., Hirakawa S., Chiba Y.,

RA Ishida S., Ono Y., Takiguchi S., Watanabe S., Yosida M., Hotuta T.,

RA Kusano J., Kanehori K., Takahashi-Fujii A., Hara H., Tanase T.-O.,

RA

RA Nomura Y., Togiya S., Konai F., Hara R., Takeuchi K., Arita M.,
RA Imose N., Musashino K., Yuuki H., Oshima A., Sasaki N., Aotsuka S.,
RA Yoshikawa Y., Matsunawa H., Ichihara T., Shiohata N., Sano S.,
RA Moriya S., Momiya H., Satoh N., Takami S., Terashima Y., Suzuki O.,
RA Nakagawa S., Senoh A., Mizoguchi H., Goto Y., Shimizu F., Wakebe H.,
RA Hishigaki H., Watanabe T., Sugiyama A., Takemoto M., Kawakami B.,
RA Yamazaki M., Watanabe K., Kumagai A., Itakura S., Fukuzumi Y.,
RA Fujimori Y., Komiya M., Tashiro H., Tanigami A., Fujiwara T.,
RA Ono T., Yamada K., Fujii Y., Ozaki K., Hirao M., Ohmori Y.,
RA Kawabata A., Hikiji T., Kobatake N., Inagaki H., Ikema Y., Okamoto S.,
RA Okitani R., Kawakami T., Noguchi S., Itoh T., Shigeta K., Senba T.,
RA Tatemura K., Nakajima Y., Mizuno T., Morinaga M., Sasaki M.,
RA Togashi T., Oyama M., Hata H., Watanabe M., Komatsu T.,
RA Mizushima-Sugano J., Satoh T., Shirai Y., Takahashi Y., Yamagawa K.,
RA Okumura K., Nagase T., Nomura N., Kikuchi H., Masuho Y., Yamashita R.,
RA Nakai K., Yada T., Nakamura Y., Ohara O., Isogai T., Sugano S.,
RT "Complete sequencing and characterization of 21,243 full-length human
RT cDNAs";
RL Nat. Genet. 36:40-45(2004).
RN [4]
RP SEQUENCE FROM N.A.
RC TISSUE=Colon, and Placenta;
RX MEDLINE=22388257; PubMed=12477932; DOI=10.1073/pnas.242603899;
RA Strausberg R.L., Feingold E.A., Grouse L.H., Derge J.G.,
RA Klausner R.D., Collins F.S., Wagner L., Shenmen C.M., Schuler G.D.,
RA Altschul S.F., Zeeberg B., Buetow K.H., Schaefer C.F., Bhat N.K.,
RA Hopkins R.F., Jordan H., Moore T., Max S.I., Wang J., Hsieh P.,
RA Diatchenko L., Marusina K., Farmer A.A., Rubin G.M., Hong L.,
RA Stapleton M., Soares M.B., Donald M.F., Casavant T.L., Scheetz T.E.,
RA Brownstein M.J., Usdin T.B., Toshiyuki S., Carninci P., Prange C.,
RA Raha S.S., Loquellano N.A., Peters G.J., Abramson R.D., Mullahy S.J.,
RA Bosak S.A., McEwan P.J., McKernan K.J., Malek J.A., Gunaratne P.H.,
RA Richards S., Worley K.C., Hale S., Garcia A.M., Gay L.J., Hulyk S.W.,
RA Villalón D.K., Muzny D.M., Sodergren E.J., Lu X., Gibbs R.A.,
RA Fahey J., Helton E., Kettman M., Madan A., Rodrigues S., Sanchez A.,
RA Whiting R.W., Touchman J.W., Green E.D., Dickson M.C.,
RA Blakesley A.C., Grimwood J., Schmutz J., Myers R.M.,
RA Butterfield Y.S.N., Krzywinski M.I., Skalska U., Smailus D.E.,
RA Schnerch A., Schein J.E., Jones S.J.M., Marra M.A.,
RT "Generation and initial analysis of more than 15,000 full-length human
RT and mouse cDNA sequences";
RL Proc. Natl. Acad. Sci. U.S.A. 99:16899-16903(2002).
CC -!- FUNCTION: Cell adhesion protein that promote adhesion and
CC outgrowth of hippocampal embryonic neurons. Binds directly to
CC bacteria and their components and functions as an opsonin for
CC macrophage phagocytosis of bacteria. Essential in the initiation
CC of the innate immune response and represents a unique pattern-
CC recognition molecule in the ECM for microbial pathogens (By
CC similarity).
CC -!- SUBCELLULAR LOCATION: Secreted. Extracellular matrix (By
CC similarity).
CC -!- TISSUE SPECIFICITY: Expressed in normal lung tissues but not in
CC lung carcinoma cell lines.
CC -!- SIMILARITY: Contains 1 spindin domain.
CC -!- SIMILARITY: Contains 1 TSP type-1 domain.
CC -----
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CC EMBL; AY358948; AAK9307.1; -
CC EMBL; AK074618; BAC11092.1; -
CC EMBL; AK074770; BAC11196.1; -
CC EMBL; BC002707; AAH02707.1; -
CC EMBL; BC036341; AAH036341.1; -
CC EMBL; HGNC:11253; SPON2.
CC H-InvDB; HIX0004013; -

DR MIM; 605918; -.
DR InterPro; IPR009465; Spind N.
DR InterPro; IPR000884; TSP1.
DR Pfam; PF06468; Spind N; 1.
DR Pfam; PF00090; TSP 1; 1.
DR PROSITE; PS1020; SPONDIN; 1.
DR PROSITE; PS50092; TSP1; 1.
KW Cell adhesion; Extracellular matrix; Immune response; Polymorphism;
KW Signal.
FT SIGNAL 1 26 Potential.
FT CHAIN 27 331 Spindin 2.
FT DOMAIN 31 221 Spindin.
FT DOMAIN 277 331 TSP type-1.
FT VARIANT 40 40 P -> L (in dbSNP:922697).
FT VARIANT 122 122 /FTID=VAR_019701.
FT VARIANT 122 122 E -> A (in dbSNP:11247975).
FT VARIANT 242 242 /FTID=VAR_019702.
FT VARIANT 242 242 L -> V (in dbSNP:2279279).
FT VARIANT 242 242 /FTID=VAR_019703.
SQ SEQUENCE 331 AA; 35844 MW; 418E244B893C59F4 CRC64;
Query Match 100.0%; Score 1760; DB 1; Length 331;
Best Local Similarity 100.0%; Pred. No. 1.2e-130;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MENPSPAALGKALCALLLTLGAAQPLGGESICSAAPAKYSITFTGKWSQTAPPKQY 60
DB 1 MENPSPAALGKALCALLLTLGAAQPLGGESICSAAPAKYSITFTGKWSQTAPPKQY 60
QY 61 PLFRPPAQSLLGAAHSDYSVMRKQVNSGLRDFAEGRGAWALMKEIEAAGEALQSV 120
DB 61 PLFRPPAQSLLGAAHSDYSVMRKQVNSGLRDFAEGRGAWALMKEIEAAGEALQSV 120
QY 121 HEVFSAPAVPSTGTSAELEVRHSIVSVFVRIVPSPDWFVGVDSLDLDCGDRWEOA 180
DB 121 HEVFSAPAVPSTGTSAELEVRHSIVSVFVRIVPSPDWFVGVDSLDLDCGDRWEOA 180
QY 181 ALDLYPYDAGTDSGTFSSPNFATIPQDTVTITSSPSHPANSFYPRKALPPIARVT 240
DB 181 ALDLYPYDAGTDSGTFSSPNFATIPQDTVTITSSPSHPANSFYPRKALPPIARVT 240
QY 241 LRLRQSPRAFIPPAVLPSRDNEIVDSASVPETPLDCEVLSWSSWGLCGHCGRLGTSK 300
DB 241 LRLRQSPRAFIPPAVLPSRDNEIVDSASVPETPLDCEVLSWSSWGLCGHCGRLGTSK 300
QY 301 RTRYRVQPVANNNGSPCELEEEACVDPNCV 331
DB 301 RTRYRVQPVANNNGSPCELEEEACVDPNCV 331
RESULT 2
SPO2_RAT
ID SPO2_RAT STANDARD; PRT; 330 AA.
AC Q9WV75;
DT 25-OCT-2004 (Rel. 45, Created)
DT 25-OCT-2004 (Rel. 45, Last sequence update)
DT 25-JAN-2005 (Rel. 46, Last annotation update)
DE Spindin 2 precursor (Mimdin).
GN Name=Spind2;
OS Rattus norvegicus (Rat).
OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Rattus.
OX NCBI_TaxID=10116;
RN [1]
RP SEQUENCE FROM N.A., FUNCTION, AND TISSUE SPECIFICITY.
RC STRAIN=Sprague-Dawley;
RX MEDLINE=99339921; PubMed=10409509;
RA Feinstein Y., Borrell V., Garcia C., Burstyn-Cohen T., Tzarfaty V.,
RA Frumkin A., Nose A., Okamoto H., Higashijima S., Soriano A., Klar A.;
RT "F-spondin and mimdin: two structurally and functionally related genes
RT expressed in the hippocampus that promote outgrowth of embryonic
RT hippocampal neurons.";
RL Development 126:3637-3648(1999).
August 99

```

RN  [2]
RP  SEQUENCE FROM N.A.
RC  TISSUE=lung;
RL  NIH - Mammalian Gene Collection (MGC) project;
RG  Submitted (AUG-2004) to the EMBL/GenBank/DBJ databases.
CC  -!- FUNCTION: Cell adhesion protein that promotes adhesion and
CC  outgrowth of hippocampal embryonic neurons. Binds directly to
CC  bacteria and their components and functions as an opsonin for
CC  macrophage phagocytosis of bacteria. Essential in the initiation
CC  of the innate immune response and represents a unique pattern-
CC  recognition molecule in the ECM for microbial pathogens (By
CC  similarity).
CC  -!- SUBCELLULAR LOCATION: Secreted. Extracellular matrix.
CC  -!- TISSUE SPECIFICITY: Abundantly expressed in the developing
CC  hippocampus.
CC  -!- SIMILARITY: Contains 1 spondin domain.
CC  -!- SIMILARITY: Contains 1 TSP type-1 domain.
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CC  -----
DR  EMBL; AF155196; AAD38195.1; -.
DR  EMBL; BC078734; AAH78734.1; -.
DR  RGD; 708584; LOC171569.
DR  InterPro; IPR009465; Spond N.
DR  InterPro; IPR000884; TSP1.
DR  Pfam; PF06468; Spond N; 1.
DR  Pfam; PF00900; TSP1; 1.
DR  SMART; SM00209; TSP1; 1.
DR  PROSITE; PS51020; SPONDIN; 1.
DR  PROSITE; PS50092; TSP1; 1.
KW  Cell adhesion; Extracellular matrix; Immune response; Signal.
FT  SIGNAL 1 25 Potential.
FT  CHAIN 26 330 Spondin 2.
FT  DOMAIN 26 330 Spondin.
FT  DOMAIN 276 330 TSP type-1.
SQ  SEQUENCE 330 AA; 36014 MW; ECBCF07A0345A83A CRC64;

Query Match
Best Local Similarity 85.5%; Score 1505.5; DB 1; Length 330;
Matches 284; Conservative 18; Mismatches 110; Indels 3; Gaps 2;

QY 1 MENPSPAAALGKALCALLLATLGA-AGQPLGGESICASAPAKYSITFTGKWSQTAPFKQ 59
DB 1 MENVS--FSLDRTLWVFLAMLGSTAGQPLGGESVCTARPLARYSITFTGKWSQTAPFKQ 58
QY 60 YPLFRPPAQWSSLLGAAHSSDYSMWRKNQYVNSGLRDFAEERGEAWALMKEIEAAGEALQS 119
DB 59 YPLFRPPAQWSSLLGAAHSSDYSMWRKNEYVNSGLRDFAEERGEAWALMKEIEAAGEKLQS 118
QY 120 VHEVFSAPVPGTGTQTSLELVQRHSLVSFVVRIVPSDFVGVDSLDLDCGRWRKQ 179
DB 119 VHAVFSAPVPGTGTQTSLELVQRHSLVSFVVRIVPSDFVGVDSLDLDCGRWRKQ 178
QY 180 AALDLYPDAGTDSGTFSSPNFATIPQDTVTETSSPSHPANSFYVPRLKALPIAKV 239
DB 179 VVLDLYPDAGTDSGTFSSPNFATIPQDTVTETASSPSHPANSFYVPRLKSLPIAKV 238
QY 240 TLLRLQSPRAFTPPAPVLPFRSDNEIVDSASVPETPLDCVSLWSWGLCGGCGRLGPK 299
DB 239 TVFLRLQSPRAFPAPPSLDLASRGNEIVDSLVSVPETPLDCVSLWSWGLCGGCGKLGAK 298
QY 300 SRTYRVVQPNNGSPCPLEEEAEACVPCNV 331
DB 299 SRTYRVVQPNNGTGPCLEEEAEACVPCNV 330

RESULT 3
```

```

SPO2 MOUSE
ID  SPO2 MOUSE STANDARD; PRT; 330 AA.
AC  Q8BM52; Q6SJD8;
DT  25-OCT-2004 (Rel. 45, Created)
DT  25-OCT-2004 (Rel. 45, Last sequence update)
DE  25-JAN-2005 (Rel. 46, Last annotation update)
DE  Spondin 2 precursor (Mindin).
GN  Name=Spon2;
OS  Mus musculus (Mouse).
OC  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC  Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
OX  NCBI_TaxID=10090;
RN  [1]
RP  SEQUENCE FROM N.A., AND FUNCTION.
RC  TISSUE=Thymus;
RX  PubMed=14691481; DOI=10.1038/nrl021;
RX  He Y.-W., Li H., Zhang J., Hsu C.-L., Lin E., Zhang N., Guo J.,
RA  Forbush K.A., Bevan M.J.;
RT  "The extracellular matrix protein mindin is a pattern-recognition
RL  molecule for microbial pathogens.";
RN  [2]
RP  SEQUENCE FROM N.A.
RC  STRAIN=C57BL/6J; TISSUE=Skin;
RX  MEDLINE=22354683; PubMed=12466851; DOI=10.1038/nature01266;
RA  Nikaido Y., Furuno M., Kasukawa T., Adachi J., Bono H., Kondo S.,
RA  Yagi K., Tomaru Y., Hasegawa Y., Nogami A., Schonbach C., Gojobori T.,
RA  Baldarelli R., Hill D.P., Bult C., Hume D.A., Quackenbush J.,
RA  Schriml L.M., Kanapin A., Matsuda H., Batalov S., Beisel K.W.,
RA  Blake J.A., Bradt D., Brusic V., Chothia C., Corbani L.E., Cousins S.,
RA  Dalla E., Dragani T.A., Fletcher C.F., Forrest A., Frazer K.S.,
RA  Gaasterland T., Gariboldi M., Gissi C., Godzik A., Gough J.,
RA  Grimmond S., Gustincich S., Hirokawa N., Jackson I.J., Jarvis E.D.,
RA  Kanai A., Kawaji H., Kawasawa Y., Kedzierski R.M., King B.L.,
RA  Konagaya A., Kurochkin I.V., Lee Y., Lenhard B., Lyons P.A.,
RA  Maglott D.R., Maltais L., Marchionni L., McKenzie L., Miki H.,
RA  Nagashima T., Numata K., Okido T., Pavan W.J., Pertea G., Pesole G.,
RA  Petrovsky N., Pillai R., Pontius J.U., Qi D., Ramachandran S.,
RA  Ravasi T., Reed J.C., Reed D.J., Reid J., Ring B.Z., Ringwald M.,
RA  Sandelin A., Schneider C., Sempke C.A., Setou M., Shimada K.,
RA  Sultana R., Takenaka Y., Taylor M.S., Teasdale R.D., Tomita M.,
RA  Verardo R., Wagner L., Wahlestedt C., Wang Y., Watanabe Y., Wells C.,
RA  Wilming L.G., Wyszewski-Boris A., Yanagisawa M., Yang L., Yang L.,
RA  Yuan Z., Zavalan M., Zhu Y., Zimmer A., Carninci P., Hayatsu N.,
RA  Hirozane-Kishikawa T., Konno H., Nakamura M., Sakazume N., Sato K.,
RA  Shiraki T., Waki K., Kawai J., Aizawa K., Arakawa T., Fukuda S.,
RA  Hara A., Hashizume W., Imotani K., Ishii Y., Itoh M., Kagawa I.,
RA  Miyazaki A., Sakai K., Sasaki D., Shibata K., Shinagawa A.,
RA  Yasunishi A., Yoshino M., Waterston R., Lander E.S., Rogers J.,
RA  Birney E., Hayashizaki Y.;
RT  "Analysis of the mouse transcriptome based on functional annotation of
RL  60,770 full-length cDNAs.";
RL  Nature 420:563-573 (2002).
CC  -!- FUNCTION: Cell adhesion protein that promotes adhesion and
CC  outgrowth of hippocampal embryonic neurons. Binds directly to
CC  bacteria and their components and functions as an opsonin for
CC  macrophage phagocytosis of bacteria. Essential in the initiation
CC  of the innate immune response and represents a unique pattern-
CC  recognition molecule in the ECM for microbial pathogens.
CC  -!- SUBCELLULAR LOCATION: Secreted. Extracellular matrix.
CC  -!- SIMILARITY: Contains 1 spondin domain.
CC  -!- SIMILARITY: Contains 1 TSP type-1 domain.
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DR  EMBL; AK028987; BAC26226.1; -.

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DR EMBL; AY457639; AAR20834.1; -.
DR MGD; MGI:1923724; Spon2.
DR InterPro; IPR009465; Spond N.
DR InterPro; IPR009884; TSP1.
DR Pfam; PF06468; Spond N; 1.
DR Pfam; PF00090; Spond N; 1.
DR SMART; SM00209; TSP1; 1.
DR SMART; SM00209; TSP1; 1.
DR PROSITE; PS1020; SPONDIN; 1.
DR PROSITE; PS50092; TSP1; 1.
KW Cell adhesion; Extracellular matrix; Immune response; Signal.
FT SIGNAL 1 25 Potential.
FT CHAIN 26 330 Spondin 2.
FT DOMAIN 30 220 Spondin.
FT DOMAIN 276 330 TSP type-1.
FT CONFLICT 242 242 R -> Q (in Ref. 2).
SQ SEQUENCE 330 AA; 35964 MW; 581F16B6A5F9A07 CRC64;

Query Match 84.9%; Score 1493.5; DB 1; Length 330;
Best Local Similarity 84.3%; Pred. No. 1.3e-109;
Matches 280; Conservative 20; Mismatches 29; Indels 3; Gaps 2;

QY 1 MENPSPAALGKALCALLATLGA-AGQPLGGESICSAAPAKYSITFTGKWSQTAFPKQ 59
Db 1 MENVS--LALGRALWVFLAMIGTTSQPLGESVCTARPLARYSITFTGKWSQTAFPKQ 58

QY 60 YPLFRPPAQWSSLGAHSSDYSMWRKQYVNSGLRDFAEERGEAWALMKEIEAAGEALQS 119
Db 59 YPLFRPPAQWSSLGAHSSDYSMWRKNEYVNSGLRDFAEERGEAWALMKEIEAAGEKLS 118

QY 120 VHEVFSAPAVPGTGTSAELVQRHSLVSVFVRIVSPDFWVGVDSLDLDCGDRWRQ 179
Db 119 VHAFVSAPAIPTGTSTLEVHPHSLVSVFVRIVSPDFWVGVDSLDLDCGGRWKQ 178

QY 180 AALDLYPYDAGTDSGFTSSPNFATIPQDTVTTEITSSPSHPANSFYPRLKALPIARV 239
Db 179 VVLDLYPHDAGTDSGFTSSPNFATIPQDTVTTEITASSPSHPANSFYPRLSLPIAKV 238

QY 240 TLRLRQSPRAPIPPAPVLPSPDNEIVDSASVPETPLDCEVLSWGLCGGCHGRLGPK 299
Db 239 TVRLRQSPRAPIPPAPVLPSPDNEIVDSLSVPETPLDCEVLSWGLCGGPGCKLGAK 298

QY 300 SRTYRVVQPNANGSPCEPELEAEACVDPNCV 331
Db 299 SRTYRVVQPNANGTPCPELEAEACVDPNCV 330

RESULT 4
Q8VD28 PRELIMINARY; PRT; 330 AA.
AC Q8VD28;
DT 01-MAR-2002 (TrEMBLrel. 20, Created)
DT 01-MAR-2002 (TrEMBLrel. 20, Last sequence update)
DT 01-MAR-2004 (TrEMBLrel. 26, Last annotation update)
DE Spondin 2, extracellular matrix protein.
GN Name=Spond2;
OS Mus musculus (Mouse).
OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
OX NCBI_TaxID=10090;
RN [1]
RP SEQUENCE FROM N.A.
RC MEDLINE=22388257; PubMed=1247732; DOI=10.1073/pnas.242603899;
RA Strausberg R.L., Feingold E.A., Grouse L.H., Derge J.G.,
RA Klausner R.D., Collins F.S., Wagner L., Shenmen C.W., Schuler G.D.,
RA Altschul S.F., Zeeberg B., Schaefer K.H., Schaefer C.F., Bhat N.K.,
RA Hopkins R.F., Jordan H., Moore T., Max S.I., Wang J., Hsieh F.,
RA Diatchenko L., Marusan K., Farmer A.A., Rubin G.M., Hong L.,
RA Stapleton M., Soares M.B., Bonaldo M.F., Casavant T.L., Scheetz T.E.,
RA Brownstein M.J., Usdin T.B., Toshiyuki S., Carninci P., Prange C.,
RA Raha S.S., Loquellano N.A., Peters G.J., Abramson R.D., Mullany S.J.,
RA Bosak S.A., McGowan P.J., McKernan K.J., Malek J.A., Gunaratne P.H.,
RA Richards S., Worley K.C., Hale S., Garcia A.M., Gay L.J., Hulyk S.W.,

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RA Villalon D.K., Muzny D.M., Sodergren E.J., Lu X., Gibbs R.A.,
RA Fahey J., Helton E., Kettman M., Madan A., Rodrigues S., Sanchez A.,
RA Whiting M., Madan A., Young A.C., Shevchenko Y., Bouffard G.G.,
RA Blakesley R.W., Touchman J.W., Green E.D., Dickson M.C.,
RA Rodriguez A.C., Grimwood J., Schmutz J., Myers R.M., Butterfield Y.S.,
RA Krzywinski M.I., Skalska U., Smalish D.E., Scherch A., Schein J.E.,
RA Jones S.J., Marra M.A.;
RT "Generation and initial analysis of more than 15,000 full-length human
and mouse cDNA sequences.";
RT Proc. Natl. Acad. Sci. U.S.A. 99:16899-16903(2002).
RN [2]
RP SEQUENCE FROM N.A.
RC STRAIN=FVB/N; TISSUE=Salivary gland;
RA Strausberg R.;
RL Submitted (NOV-2001) to the EMBL/GenBank/DBJ databases.
DR EMBL; BC017616; AAH17616.1; -.
DR MGD; MGI:1923724; Spon2.
DR GO; GO:0005615; C:extracellular space; TAS.
DR Pfam; PF06468; Spond N; 1.
DR Pfam; PF00090; TSP 1; 1.
DR SMART; SM00209; TSP1; 1.
DR PROSITE; PS50092; TSP1; 1.
KW Matrix protein.
SQ SEQUENCE 330 AA; 35987 MW; FA2B56A257211E37 CRC64;

Query Match 84.5%; Score 1487.5; DB 2; Length 330;
Best Local Similarity 84.0%; Pred. No. 3.9e-109;
Matches 279; Conservative 20; Mismatches 30; Indels 3; Gaps 2;

QY 1 MENPSPAALGKALCALLATLGA-AGQPLGGESICSAAPAKYSITFTGKWSQTAFPKQ 59
Db 1 MENLS--LALGRALWVFLAMIGTTSQPLGESVCTARPLARYSITFTGKWSQTAFPKQ 58

QY 60 YPLFRPPAQWSSLGAHSSDYSMWRKQYVNSGLRDFAEERGEAWALMKEIEAAGEALQS 119
Db 59 YPLFRPPAQWSSLGAHSSDYSMWRKNEYVNSGLRDFAEERGEAWALMKEIEAAGEKLS 118

QY 120 VHEVFSAPAVPGTGTSAELVQRHSLVSVFVRIVSPDFWVGVDSLDLDCGDRWRQ 179
Db 119 VHAFVSAPAIPTGTSTLEVHPHSLVSVFVRIVSPDFWVGVDSLDLDCGGRWKQ 178

QY 180 AALDLYPYDAGTDSGFTSSPNFATIPQDTVTTEITSSPSHPANSFYPRLKALPIARV 239
Db 179 VVLDLYPHDAGTDSGFTSSPNFATIPQDTVTTEITASSPSHPANSFYPRLSLPIAKV 238

QY 240 TLRLRQSPRAPIPPAPVLPSPDNEIVDSASVPETPLDCEVLSWGLCGGCHGRLGPK 299
Db 239 TVRLRQSPRAPIPPAPVLPSPDNEIVDSLSVPETPLDCEVLSWGLCGGPGCKLGAK 298

QY 300 SRTYRVVQPNANGSPCEPELEAEACVDPNCV 331
Db 299 SRTYRVVQPNANGTPCPELEAEACVDPNCV 330

RESULT 5
Q6KAS6 PRELIMINARY; PRT; 289 AA.
AC Q6KAS6;
DT 05-JUL-2004 (TrEMBLrel. 27, Created)
DT 05-JUL-2004 (TrEMBLrel. 27, Last sequence update)
DT 05-JUL-2004 (TrEMBLrel. 27, Last annotation update)
DE MFLJ00108 protein (Fragment).
GN Name=mFLJ00108;
OS Mus musculus (Mouse).
OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
OX NCBI_TaxID=10090;
RN [1]
RP SEQUENCE FROM N.A.
RA Okazaki N., Kikuno R., Ohara R., Inamoto S., Koseki H., Hiraoka S.,
RA Suga Y., Kitamura H., Nakagawa T., Nagase T., Ohara O., Koga H.;
RT "Prediction of the Coding Sequences of Mouse Homologues of FLJ Genes:
The Complete Nucleotide Sequences of 110 Mouse FLJ-Homologous cDNAs

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RT Identified by Screening of Terminal Sequences of cDNA Clones Randomly
RT Sampled from Size-Fractionated Libraries.";
RL DNA Res. 11:167-180(2004).

DR EMBL; AK131131; BAD21381.1; -.
DR GO; GO:0005615; C:extracellular space; TAS.
DR InterPro; IPR009465; Spont_N.
DR InterPro; IPR000884; TSP1.
DR Pfam; PF06468; Spont_N; 1.
DR Pfam; PF00090; TSP1; 1.
DR SMART; SM00209; TSP1; 1.
DR PROSITE; PS50092; TSP1; 1.
FT NON_TER 1
SQ SEQUENCE 289 AA; 31664 MW; 7FECE944C03021E9 CRC64;

Query Match 79.3%; Score 1395; DB 2; Length 289;
Best Local Similarity 88.6%; Pred. No. 6.6e-102;
Matches 256; Conservative 14; Mismatches 19; Indels 0; Gaps 0;
QY 43 YGITTGKWSQAFAPKQYPLFRPPAOWSSLLGAHSSDYSMRKQYVNGNGLRDFAEERGE 102
DB 1 YGITTGKWSQAFAPKQYPLFRPPAOWSSLLGAHSSDYSMRKQYVNGNGLRDFAEERGE 60
QY 103 AWALMKEIEAAGEALQSVEHVSAPAPVSGTGTQSAELEVRHSLVSVFVVRVPSDFW 162
DB 61 AWALMKEIEAAGEALQSVEHVSAPAPVSGTGTQSAELEVRHSLVSVFVVRVPSDFW 120
QY 163 VGVDSLDCDGRWRQEAALDYPYDAGTDSGFTSSPNFATIPQDTVTTEITSSSPSHPA 222
DB 121 VGVDSLDCDGRWRQEAALDYPYDAGTDSGFTSSPNFATIPQDTVTTEITSSSPSHPA 180
QY 223 NSFVYPRKALPPIARVTLRLRQSPRAPIPAVLPSRDNEIVDSASVPETPLDCEVSL 282
DB 181 NSFVYPRKALPPIARVTLRLRQSPRAPIPAVLPSRDNEIVDSASVPETPLDCEVSL 240

QY 283 WSSWGLCGCHGCRGLGTSKTRVVRVQVPPANNNGSPCPPELEEEACVDPNCV 331
DB 241 WSSWGLCGCHGCRGLGTSKTRVVRVQVPPANNNGSPCPPELEEEACVDPNCV 289

RESULT 6
Q6DCM4
ID Q6DCM4 PRELIMINARY; PRT; 313 AA.
AC Q6DCM4;
DT 25-OCT-2004 (Tremblrel. 28, Created)
DT 25-OCT-2004 (Tremblrel. 28, Last sequence update)
DT 25-OCT-2004 (Tremblrel. 28, Last annotation update)
DE Spon2-prov protein.
GN Name=spon2-prov;
OS Xenopus laevis (African clawed frog).
OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC Amphibia; Batrachia; Anura; Mesobatrachia; Pipidae;
OC Xenopodinae; Xenopus.
OX NCBI_TaxID=8355;
RN [1]
RP SEQUENCE FROM N.A.
RC TISSUE=Embryo;
RX MEDLINE=22341132; PubMed=12454917; DOI=10.1002/gvdy.10174;
RA Klein S.L., Strausberg R.L., Wagner L., Pontius J., Clifton S.W.,
RA Richardson P.;
RT "Genetic and genomic tools for Xenopus research: The NIH Xenopus
RT initiative.";
RL Dev. Dyn. 225:384-391 (2002).
RN [2]
RP SEQUENCE FROM N.A.
RC TISSUE=Embryo;
RX PubMed=12477932; DOI=10.1073/pnas.242603899;
RA Strausberg R.L., Feingold E.A., Grouse L.H., Derge J.G.,
RA Klausner R.D., Collins F.S., Wagner L., Shenmen C.M., Schuler G.D.,
RA Altschul S.F., Zeeberg B., Buetow K.H., Schaefer C.P., Bhat N.K.,
RA Hopkins R.F., Jordan H., Moore T., Max S.I., Wang J., Hsieh F.,
RA Diachenko L., Marusina K., Farmer A.A., Rubin G.M., Hong L.,
RA Stapleton M., Soares M.B., Bonaldo M.F., Casavant T.L., Scheetz T.E.,
RA Brownstein M.J., Udgin T.B., Toshiyuki S., Carninci P., Prange C.,

RA Raha S.S., Loquellano N.A., Peters G.J., Abramson R.D., Mullahy S.J.,
RA Bosak S.A., McEwan P.J., McKernan K.J., Malek J.A., Gunaratne P.H.,
RA Richards S., Worley K.C., Hale S., Garcia A.M., Gay L.J., Hulyk S.W.,
RA Villalon D.K., Muzny K.C., Sodergren E.J., Lu X., Gibbs R.A.,
RA Fahey J., Helton E., Kettman M., Madan A., Rodrigues S., Sanchez A.,
RA Whiting M., Madan A., Young A.C., Shevchenko Y., Bouffard G.G.,
RA Blakesley R.W., Touchman J.W., Green B.D., Dickson M.C.,
RA Rodriguez A.C., Grimwood J., Schmutz J., Myers R.M., Butterfield Y.S.,
RA Krzywinski M.I., Skalska U., Smailus D.E., Schnerch A., Schein J.E.,
RA Jones S.J., Marra M.A.;
RT "Generation and initial analysis of more than 15,000 full-length human
RT and mouse cDNA sequences.";
RL Proc. Natl. Acad. Sci. U.S.A. 99:16899-16903(2002).
RN [3]
RP SEQUENCE FROM N.A.
RC TISSUE=Embryo;
RA Klein S., Gerhard D.S.;
RL Submitted (JUL-2004) to the EMBL/GenBank/DBJ databases.
DR EMBL; BC077984; AAH77984.1; -.
DR GO; GO:0007155; P:cell adhesion; IEA.
DR GO; GO:0007275; P:development; IEA.
DR InterPro; IPR009465; Spont_N.
DR InterPro; IPR000884; TSP1.
DR Pfam; PF06468; Spont_N; 1.
DR Pfam; PF00090; TSP1; 1.
DR SMART; SM00209; TSP1; 1.
DR PROSITE; PS50092; TSP1; 1.
SQ SEQUENCE 313 AA; 34476 MW; 686F610A18ED28E9 CRC64;

Query Match 63.2%; Score 1112.5; DB 2; Length 313;
Best Local Similarity 65.1%; Pred. No. 1.4e-79;
Matches 205; Conservative 41; Mismatches 66; Indels 3; Gaps 2;
QY 18 LLAITLG-AAQQLGGESICSAAPAKYISITFTGKMSQTAFPKQYPLFRPPAOWSSLLGAA 76
DB 1 MLSTLEFFSSCLPSEDSICTAEELAKYSIVFTGKMSQALFPKQYPLFRPPAOWSSLLGVT 60
QY 77 HSDYSVMRKQYVNGNGLRDFAEERGEAWALMKEIEAAGEALQSVEHVSAPAPVSGTGT 136
DB 61 HSDYSVMRKQYVNGNGLRDFAEERGEAWALMKEIEAAGEALQSVEHVSAPAPVSGTGT 120
QY 137 SAELEVRHSLVSVFVVRVPSDFWGVDSLDCDGRWRQEAALDYPYDAGTDSGFT 196
DB 121 STEFAHSHRPFVSVFVVRVPSDFWGVDTLNLCEGKWKQTATLELHPYDAGTDSGFT 180
QY 197 FSSPNFATIPQDTVTTEITSSSPSHSPANSFYPRKALPPIARVTLRLRQSPRAPIPPAP 256
DB 181 FSSPNFATIPQDTVTTEITSSSPSHSPANSFYPRKALPPIARVTLRLRQSPRAPIPPAP 240
QY 257 VLPSRDNEIVDSASVPETPLDCEVSLWSSWGLCGCHGCRGLGTSKTRVVRVQVPPANNNGSP 316
DB 241 NVTTTGNIDEHIS--ETPLDCEVSWSSWGLCRSGCNAGVKRTRYRLKPNNGTAC 298

Query Match 63.2%; Score 1112.5; DB 2; Length 313;
Best Local Similarity 65.1%; Pred. No. 1.4e-79;
Matches 205; Conservative 41; Mismatches 66; Indels 3; Gaps 2;

QY 18 LLAITLG-AAQQLGGESICSAAPAKYISITFTGKMSQTAFPKQYPLFRPPAOWSSLLGAA 76
DB 1 MLSTLEFFSSCLPSEDSICTAEELAKYSIVFTGKMSQALFPKQYPLFRPPAOWSSLLGVT 60
QY 77 HSDYSVMRKQYVNGNGLRDFAEERGEAWALMKEIEAAGEALQSVEHVSAPAPVSGTGT 136
DB 61 HSDYSVMRKQYVNGNGLRDFAEERGEAWALMKEIEAAGEALQSVEHVSAPAPVSGTGT 120
QY 137 SAELEVRHSLVSVFVVRVPSDFWGVDSLDCDGRWRQEAALDYPYDAGTDSGFT 196
DB 121 STEFAHSHRPFVSVFVVRVPSDFWGVDTLNLCEGKWKQTATLELHPYDAGTDSGFT 180
QY 197 FSSPNFATIPQDTVTTEITSSSPSHSPANSFYPRKALPPIARVTLRLRQSPRAPIPPAP 256
DB 181 FSSPNFATIPQDTVTTEITSSSPSHSPANSFYPRKALPPIARVTLRLRQSPRAPIPPAP 240
QY 257 VLPSRDNEIVDSASVPETPLDCEVSLWSSWGLCGCHGCRGLGTSKTRVVRVQVPPANNNGSP 316
DB 241 NVTTTGNIDEHIS--ETPLDCEVSWSSWGLCRSGCNAGVKRTRYRLKPNNGTAC 298
QY 317 PELEEEACVDPNCV 331
DB 299 PTLNEDKECEPNCV 313

RESULT 7

O42112
ID O42112 PRELIMINARY; PRT; 331 AA.
AC O42112;
DT 01-JAN-1998 (Tremblrel. 05, Created)
DT 01-JAN-1998 (Tremblrel. 05, Last sequence update)
DT 01-MAR-2004 (Tremblrel. 26, Last annotation update)
DE MINDIN2.
GN Name=spon2b;
OS Brachydanio rerio (Zebrafish) (Danio rerio).
OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC Actinopterygii; Neopterygii; Teleostei; Ostariophysi; Cypriniformes;
OC Cyprinidae; Danio.
OX NCBI_TaxID=7955;
RN [1]

RP SEQUENCE FROM N.A.
RX MEDLINE=98104230; PubMed=9441663; DOI=10.1006/dbio.1997.8760;
RA Higashijima S., Nose A., Eguchi G., Hotta Y., Okamoto H.;
RT "Mindin/F-spondin family: novel ECM proteins expressed in the
zebrafish embryonic axis."
RL Dev. Biol. 192:211-227(1997).
DR EMBL; AB006085; BAA22809.1; -.
DR ZFIN; ZDB-GENE-990415-161; spon2b.
DR GO; GO:0007155; P:cell adhesion; IEA.
DR GO; GO:0007275; P:development; IEA.
DR InterPro; IPR009465; Spond_N.
DR InterPro; IPR000884; TSP1_N.
DR Pfam; PF06468; Spond_N; 1.
DR Pfam; PF00090; TSP1; 1.
DR SMART; SM00209; TSP1; 1.
DR PROSITE; PS50092; TSP1; 1.
DR SEQUENCE 331 AA; 36887 MW; 1D95D82B6549D273 CRC64;
Query Match 62.8%; Score 1105; DB 2; Length 331;
Best Local Similarity 61.6%; Pred. No. 5.9e-79;
Matches 197; Conservative 51; Mismatches 64; Indels 8; Gaps 3;
QY 17 LLLATL-GRAGOLGESICSAAPAKYSITFTGKWSOTAFPKQYPLRPAPQMSLLGA 75
DB 15 MTLALLSGVPMPVDVDRCTAPSTAKYRLTFTGWTQTAFPRKHYPLRPPAQMSPLIGV 74
QY 76 AHSSDYMMWKQYVNSGLRDFAEERGEAWALKEIEAAGEALQSVEHVESAPVPSGTGQ 135
DB 75 THSSDYHLWQREYASNGVRESERAEAWTLIKEVEAGERIQSVYGLFSAPVAVGTGH 134
QY 136 TSAELVQRHSLVSVFVRIVSPDFVGVDSLDLDCDGRWREQAALDLYPDAGTDSGF 195
DB 135 ATTEFEVFAHSLSPFVRIVSPDFVGVDSLDLDCDGRWREQAALDLYPDAGTDSGF 194
QY 196 TFSNPNFATIPQDTVTETITSSPSHPANSFYVPRKALPIARVTLRLRQSPRAFIPPA 255
DB 195 TFSNPNFATIPQDTVTETITSSPSHPANSFYVPRKALPIARVTLRLRQSPRAFIPPA 254
QY 256 PVLPSRDNEIVDSASVP-----ETPLDCEVSLWSSWGLCGHCGRLGTSRTYRVVQVPA 311
DB 252 PLOQTQSQNPQSGNEIDGLINTPLDCEVSVNSPWGLCKGQGEKGVKHTRYIHHHPAN 311
QY 312 NGSPCELEEEAECPDNCV 331
DB 312 NGAPCPSELEKRLCIPDNCV 331
RESULT 8
O42111 PRELIMINARY; PRT; 334 AA.
AC O42111;
DT 01-JAN-1998 (TrEMBLrel. 05, Created)
DT 01-JAN-1998 (TrEMBLrel. 05, Last sequence update)
DT 01-MAR-2004 (TrEMBLrel. 26, Last annotation update)
DE MINDIN.
GN Name=spon2a;
OS Brachydanio rerio (Zebrafish) (Danio rerio).
OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC Actinopterygii; Neopterygii; Teleostei; Ostariophysi; Cypriniformes;
OC Cyprinidae; Danio.
OX NCBI_TaxID=7955;
RN [1]
RP SEQUENCE FROM N.A.
RX MEDLINE=98104230; PubMed=9441663; DOI=10.1006/dbio.1997.8760;
RA Higashijima S., Nose A., Eguchi G., Hotta Y., Okamoto H.;
RT "Mindin/F-spondin family: novel ECM proteins expressed in the
zebrafish embryonic axis."
RL Dev. Biol. 192:211-227(1997).
DR EMBL; AB006084; BAA22808.1; -.
DR ZFIN; ZDB-GENE-990415-160; spon2a.
DR GO; GO:0007155; P:cell adhesion; IEA.
DR GO; GO:0007275; P:development; IEA.
DR InterPro; IPR009465; Spond_N.

DR InterPro; IPR000884; TSP1.
DR Pfam; PF06468; Spond_N; 1.
DR Pfam; PF00090; TSP1; 1.
DR SMART; SM00209; TSP1; 1.
DR PROSITE; PS50092; TSP1; 1.
DR SEQUENCE 334 AA; 37233 MW; 7451BF2F95AEDF05 CRC64;
Query Match 49.8%; Score 877; DB 2; Length 334;
Best Local Similarity 50.3%; Pred. No. 5.8e-61;
Matches 168; Conservative 49; Mismatches 91; Indels 26; Gaps 6;
QY 10 LGKALCALLATLGA---GQPLGESICSAAPAKYSITFTGKWSOTAFPKQYPLRPP 66
DB 12 LQQLLVLLRFTLSCAALVNSTNGTE--CSAGPASYIVVFTGHWSQTFPKQYPLRPP 69
QY 67 AQWSSLLGAHSDYMMWKQYVNSGLRDFAEERGEAWALKEIEAAGEALQSVEHVESFA 126
DB 70 AQWSSLLVVTNEQYRLWQEGAPASDGKMSFAEQGLTVDLVKDAKEARKR-RSVGSMYRT 128
QY 127 PAVPSGTQTSABLEVQRHSLVSVFVRIVSPDFVGVDSLDLDCDGRWREQAALDLYP 186
DB 129 AGIPSGIGHSSSTEVLLTPRSLVSLVLIKLPSPDFVGVDSLDLDCDGRWREQAALDLYP 188
QY 187 YDAGTDSGFTSSPNFATIPQDTVTETITSSPSHPANSFYVPRKALPIA-----RVTL 241
DB 189 YDAGTDSGFTSSPNFATIPQDTVTETITSSPSHPANSFYVPRKALPIA-----RVTL 240
QY 242 LRLRQSPRAFIPPAVLPSPDRNEIVDSASVP-----ETPLDCEVSLWSSWGLCGHCGRLG 297
DB 249 LEVROQNL-----SNHLLPDASKPHRFSETPLDCEVSVNSPWGLCKGFCGCARGG 297
QY 298 TKSRTYRVVQVPAVNSPCELEEEAECPDNCV 331
DB 298 LHRTRYILLKPANGSGPCPELEEEAECPDNCV 331
RESULT 9
Q9V746 PRELIMINARY; PRT; 601 AA.
ID Q9V746;
AC Q9V746;
DT 01-MAY-2000 (TrEMBLrel. 13, Created)
DT 01-MAY-2000 (TrEMBLrel. 13, Last sequence update)
DT 25-OCT-2004 (TrEMBLrel. 28, Last annotation update)
DE CG10145-PA (R552725P).
GN Name=mspo; ORFNames=CG10145;
OS Drosophila melanogaster (Fruit fly).
OC Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
OC Neoptera; Endopterygota; Diptera; Brachycera; Muscomorpha;
OC Ephydroidea; Drosophilidae; Drosophila.
OX NCBI_TaxID=7227;
RN [1]
RP SEQUENCE FROM N.A.
RX MEDLINE=20196006; PubMed=10731132; DOI=10.1126/science.287.5461.2185;
RA Adams M.D., Celniker S.E., Holt R.A., Evans C.A., Gocayne J.D.,
RA Amanatides P.G., Scherer S.E., Li P.W., Hoskins R.A., Galle R.F.,
RA George R.A., Lewis S.E., Richards S., Ashburner M., Henderson S.N.,
RA Sutton G.G., Wortman J.R., Vandeil M.D., Zhang Q., Chen L.X.,
RA Brandon R.C., Rogers Y.H., Blazek R.G., Champe M., Pfeiffer B.D.,
RA Wan K.H., Doyle C., Baxter E.G., Helt G., Nelson C.R., Gabor G.L.,
RA April J.F., Agbayani A., An H.J., Andrews-Pfannkoch C., Baldwin D.,
RA Ballew R.M., Basu A., Baxendale J., Bayraktaroglu L., Beasley E.M.,
RA Beeson K.Y., Benos P.V., Berman B.P., Bhandari D., Bolshakov S.,
RA Borkova D., Botchan M.R., Bouck J., Brokstein P., Brotter P.,
RA Burtis K.C., Busam D.A., Butler H., Cadieu E., Center A., Chandra I.,
RA Cherry J.M., Cawley S., Dahlke C., Davenport L.B., Davies P.,
RA de Fabois B., Deicher A., Deng Z., Mays A.D., Dew I., Dietz S.M.,
RA Dodson K., Doup L.E., Downes M., Dugan-Rocha S., Dunkov B.C., Dunn P.,
RA Durbin K.J., Evangelista C.C., Ferraz C., Ferreira S., Fleischmann W.,
RA Flossler C., Gabrielian A.E., Garg N.S., Gelbart W.M., Glasser K.,
RA Glodek A., Gong P., Gortell J.H., Gu Z., Guan P., Harris M.,
RA Harris N.L., Harvey D., Heiman T.J., Hernandez J.R., Houck J.,
RA Hostin D., Houston K.A., Howland T.J., Wei M.H., Ibegwam C.,
RA Jalali M., Kalush F., Karpen G.H., Ke Z., Kennison J.A., Ketchum K.A.,

RA Kimmel B.E., Kodira C.D., Kraft C., Kravitz S., Kulp D., Lai Z.,
 RA Lasko P., Lei Y., Levitsky A.A., Li J., Li Z., Liang Y., Lin X.,
 RA Liu X., Mattei B., McIntosh T.C., McLeod M.P., McPherson D.,
 RA Merklov G., Milshina N.V., Mobarri C., Morris J., Moshrefi A.,
 RA Mount S.M., Moy M., Murphy B., Murphy L., Muzny D.M., Nelson D.L.,
 RA Nelson D.R., Nelson K.A., Nixon K., Nusskern D.R., Pacleb J.M.,
 RA Palazzolo M., Pittman G.S., Pan S., Pollard J., Puri V., Reese M.G.,
 RA Reinert K., Remington K., Saunders R.D., Scheeler F., Shen H.,
 RA Shue B.C., Siden-Kiamos I., Simpson M., Skupski M.P., Smith T.,
 RA Spier E., Spradling A.C., Stapleton M., Strong R., Sun E.,
 RA Swirskas R., Tector C., Turner R., Venter E., Wang A.H., Wang X.,
 RA Wang Z.Y., Wassarman D.A., Weinstein G.M., Weissenbach J.,
 RA Williams S.M., Woodgett, Worley K.C., Wu D., Yang S., Yao Q.A., Ye J.,
 RA Yeh R.F., Zaveri J.S., Zhan M., Zhang G., Zhao Q., Zheng L.,
 RA Zheng X.H., Zhong F.N., Zhong W., Zhou X., Zhu S., Smith H.O.,
 RA Gibbs R.A., Myers E.W., Rubin G.M., Venter J.C.;
 RA "The genome sequence of *Drosophila melanogaster*,"
 RL Science 287:2185-2195(2000).
 RN [2]
 RN SEQUENCE FROM N.A.
 RP MEDLINE=22426065; PubMed=12537568;
 RX Celnikier S.E., Wheeler D.A., Kronmiller B., Carlson J.W., Halpern A.,
 RA Patel S., Adams M., Champe M., Dugan S.P., Frise E., Hodgson A.,
 RA George R.A., Hoskins R.A., Laverty T., Muzny D.M., Nelson C.R.,
 RA Pacleb J.M., Park S., Pfeiffer B.D., Richards S., Sodergren E.J.,
 RA Swirskas R., Tabor P.E., Wan K., Stapleton M., Sutton G.G., Venter C.,
 RA Weinstein G., Scherer S.E., Myers E.W., Gibbs R.A., Rubin G.M.;
 RT "Finishing a whole-genome shotgun: Release 3 of the *Drosophila*
 RT melanogaster euchromatic genome sequence,"
 RL Genome Biol. 3:RESEARCH0079-RESEARCH0079(2002).
 RN [3]
 RN SEQUENCE FROM N.A.
 RP MEDLINE=22426070; PubMed=12537573;
 RX Kaminker J.S., Bergman C.M., Kronmiller B., Carlson J., Swirskas R.,
 RA Patel S., Frise E., Wheeler D.A., Lewis S.E., Rubin G.M.,
 RA Ashburner M., Celnikier S.E.;
 RT "The transposable elements of the *Drosophila melanogaster* euchromatin:
 RT a genomics perspective,"
 RL Genome Biol. 3:RESEARCH0084-RESEARCH0084(2002).
 RN [4]
 RN SEQUENCE FROM N.A.
 RP MEDLINE=22426069; PubMed=12537572;
 RX Misra S., Crosby M.A., Mungall C.J., Matthews B.B., Campbell K.S.,
 RA Hradecky P., Huang Y., Kaminker J.S., Milburn G.H., Prochnik S.E.,
 RA Smith C.D., Tupy J.L., Whitfield E.J., Bayraktaroglu L., Berman B.P.,
 RA Bettencourt B.R., Celnikier S.E., de Grey A.D., Drysdale R.A.,
 RA Harris N.L., Richter J., Russo S., Schroeder A.J., Shu S.O.,
 RA Stapleton M., Yamada C., Ashburner M., Gelbart W.M., Rubin G.M.,
 RA Lewis S.E.;
 RT "Annotation of the *Drosophila melanogaster* euchromatic genome: a
 RT systematic review,"
 RL Genome Biol. 3:RESEARCH0083-RESEARCH0083(2002).
 RN [5]
 RN SEQUENCE FROM N.A.
 RP FlyBase;
 RL Submitted (SEP-2002) to the EMBL/GenBank/DBJ databases.
 RN [6]
 RN SEQUENCE FROM N.A.
 RG FlyBase;
 RL Submitted (MAR-2004) to the EMBL/GenBank/DBJ databases.
 RN [7]
 RN SEQUENCE FROM N.A.
 RC STRAIN=Berkeley;
 RA Stapleton M., Brokstein P., Hong L., Agbayani A., Carlson J.,
 RA Champe M., Chavez C., Dorsett V., Dresnek D., Farfan D., Frise E.,
 RA George R., Gonzalez M., Guarin H., Kronmiller B., Li P., Liao G.,
 RA Miranda A., Mungall C.J., Nunoo J., Pacleb J., Fargas V., Park S.,
 RA Patel S., Phouanavong S., Wan K., Yu C., Lewis S.E., Rubin G.M.,
 RA Celnikier S.;
 RL Submitted (MAR-2002) to the EMBL/GenBank/DBJ databases.
 DR EMBL; AS003813; AAF58219.1; -;
 DR EMBL; AY084178; AAL89916.1; -;
 DR FlyBase; F8gn0020269; msipo.

DR GO; GO:0007155; P-cell adhesion; IEA.
 DR GO; GO:0007275; P:development; IEA.
 DR InterPro; IPR009465; Spod N.
 DR InterPro; IPR000884; TSPI.
 DR Pfam; PF06468; Spod N; 1.
 DR Pfam; PF00090; TSP 1; 1.
 DR SMART; SM00209; TSPI; 1.
 DR PROSITE; PS0092; TSPI; 1.
 SQ SEQUENCE 601 AA; 65434 MW; 529BEDCD348ACBEF CRC64;
 Query Match 29.8%; Score 524.5; DB 2; Length 601;
 Best Local Similarity 27.0%; Pred. No. 7.8e-33;
 Matches 137; Conservative 54; Mismatches 132; Indels 185; Gaps 12;
 QY 2 ENPSPAAALGKALCALLATLGAAGQPLGGESICSAAPAKYSITFTGKWSQTAFPKQYP 61
 DB DDPSPVSNLPTAS---LAT-PPATQP-APQCTGLDLAVYKVLHTYVTRFLFPKHYP 140
 QY 62 LRPFPAAWSSLGAHSSDYSMWRKNQYVNGLRDFAERGEA-----WALM 107
 DB 141 DWRPTAQWTKTLGRTHNANYALYHIGQPATAAVKQFAESGRTDLDSNAGEQQQVQMLQ 200
 QY 108 KEIEAAGE-----ALQSVHEVFS 125
 DB 201 SQMQACKSPSGISSGTTSTFNATAASTATPTGSGSGSGSGSGGGTGTTAERSVDFEFS 260
 QY 126 APAVPSTGQTSAELEVRHSLVSVFVPSDFVGVDSLDLDCDGRWRQQAALDLY 185
 DB 261 MPALPMGAGRSEAKVFDVSNHSLVSLMTRIVPSDFVGVDSFELCVGGSWIDTVTVELD 320
 QY 186 PYDAGTDSGFTSSPNFATIPQDTVTVEITSSSPSHFANSFYPRKALPPIARVTLRL- 244
 DB 321 PLDAGTDNGFTTAPNWPTEPQGVYRITSRYGHPAGSFYYPKRLPPIATFQFIKLK 380
 QY 245 ----- 244
 DB 381 EYELSEVFNAEDDRKYETVQTQTHLDAHNHVMNLSASIERERQTEQQQLQNDDE 440
 QY 245 ROSPRA-----FIPPAP-----VLPSPRDNEIV-----DSAS 270
 DB 441 RQIRSQLLAKMNPVYGNNSLQAPGVVSVVPKNDKHALQSIASSYRRRAADASANA 500
 QY 271 VPETP-----LDCEVLSWSSWGLCGHCGHGRIGTGRKSTR 303
 DB 501 SKPTSAIGGGKAGGAVGGGAATRRSSAQRRRDCRVSHWSEWTACKSKCG-VGEMHYR 559
 QY 304 YVRVQPNNGSPCPLEEEAECPVD-NC 330
 DB 560 KVHKHGGGRCQPCALQQSKWCQTERNC 587
 RESULT 10
 ID 002029 PRELIMINARY; PRT; 598 AA.
 AC 002029;
 DT 01-JUL-1997 (TrEMBLrel. 04, Created)
 DT 01-JUL-1997 (TrEMBLrel. 04, Last sequence update)
 DT 01-MAR-2004 (TrEMBLrel. 26, Last annotation update)
 DE M-spondin.
 GN Names=mspo;
 OS *Drosophila melanogaster* (Fruit fly).
 OC Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
 OC Neoptera; Endopterygota; Diptera; Brachycera; Muscomorpha;
 OC Ephydroidea; Drosophilidae; *Drosophila*.
 OX NCBI_TaxID=7227;
 RN [1]
 RC SEQUENCE FROM N.A.
 RP STRAIN=Canton S;
 RX MEDLINE=97349133; PubMed=9205137; DOI=10.1006/dbio.1997.8591;
 RA Umemiya T., Takeichi M., Nose A.;
 RT "M-spondin, a novel ECM protein highly homologous to vertebrate F-
 RT spondin," is localized at the muscle attachment sites in the *Drosophila*
 RT embryo.";


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DR InterPro: IPR002861; Reeler.
DR InterPro: IPR009465; Spond_N.
DR InterPro: IPR000884; TSPI_1.
DR Pfam: PF02014; Reeler; 1.
DR Pfam: PF06468; Spond_N; 1.
DR Pfam: PF00090; TSP 1; 4.
DR SMART: SM00209; TSPI; 4.
DR PROSITE: PS50092; TSPI; 4.
FT NON_TER 1
SQ SEQUENCE 729 AA; 82054 MW; 23CD6B6493A36BE4 CRC64;

Query Match 26.3%; Score 463; DB 2; Length 729;
Best Local Similarity 25.7%; Pred. No. 7e-28;
Matches 125; Conservative 52; Mismatches 129; Indels 180; Gaps 11;

QY 9 ALGKALCALLLATLGAAGQPLGGEISCSARAPAKYSITFTGKWSQATFPKQVPLFRPPAQ 68
DB 175 SLTKLCEQDPLDGVTDKPI---LDCCACGCTAKYRLTFYGNWSEKTHPKDYP--RRANH 229

QY 69 WSLGLGAHSSDYSMWRKNQYVNSGLRDFAEERGEAWLMKEIEAAGEALQSVHE----- 122
DB 230 WSAIIGSSHSKNYLWEYGGYASEGVKQVAELGSPVKMEEIRQQSDDEVLTVIKAKAQPW 289

QY 123 -----VFSAPAVPSGTGTSAELEVQRHSLVSFVVRIVPSDFWGVDSLDLDCGD-R 175
DB 290 AQOPVNVRAAP-----SAEFSVDRTRHLSFMTMGPSFDMNVGLSAEDLCTKECG 340

QY 176 WREQAALDLPYDAGTDSGFTSSPNFATIPQDVTTEITSSPSHPANSFYFPRLKALPP 235
DB 341 WQKVQVDLIPWDAGTDSGVYESPNKPTIPQEKIRPLTSL--DHPQSPFYDPEGGSITQ 398

QY 236 IARVTU----- 241
DB 399 VARVVIETARKEQCNIQVNDVDDIVADLAPEKEDDTPETCIYSNWSPMSACSSSTC 458

QY 242 ---LRLRQ-----SPRAFIPP- 254
DB 459 EKGKRMQRMLKAQLDLVPCPTQDFQPCMGPGCSDEGQETTPORLTDTPRAKIKEN 518

QY 255 -----APVLPS-----RDNR 265
DB 519 KRCLFSPVNLALDLDTIPCLLSPWSEWSDCVTCGKGMTRQRMKSLAELGDCNEDLQ 578

QY 266 VDSASVPETPLDCEVLSWGLCGHCGRLGKSTRVVRVQPNANGSPCEPELEBEAC 325
DB 579 AEKCMLEPCIDCELSWQSECNKSCGK-GHMIRTRITQMBPQPGGVPCPETVQRKCC 637

QY 326 VPDNCV 331
DB 638 RTRKCL 643

RESULT 13
SPOT_CHICK STANDARD; PRT; 802 AA.
AC Q9W770;
DT 25-OCT-2004 (Rel. 45, Created)
DT 25-OCT-2004 (Rel. 45, Last sequence update)
DT 25-OCT-2004 (Rel. 45, Last annotation update)
DE Spondin 1 precursor (P-spondin).
OS Gallus gallus (Chicken).
OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC Archosauria; Aves; Neognathae; Galliformes; Phasianidae; Phasianinae;
OC Gallus.
OX NCBI_TaxID=9031;
RN [1]
RN SSSEQUENCE FROM N.A.
RX MEDLINE=99211385; PubMed=10197528; DOI=10.1016/S0896-6273(00)80703-5;
RA Debby-Brafman A., Burstin-Cohen T., Klar A., Kalcheim C.;
RT "P-spondin, expressed in somite regions avoided by neural crest cells, mediates inhibition of distinct somite domains to neural crest migration."
RT Neuron 22:475-488(1999).
RL
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RN [2]
RP SEQUENCE FROM N.A.
RX MEDLINE=99225518; PubMed=10399931; DOI=10.1016/S0896-6273(00)80776-X;
RA Burstin-Cohen T., Tzarfaty V., Frumkin A., Feinstein Y., Sweeney E.,
RA Klar A.;
RT "P-spondin is required for accurate pathfinding of commissural axons at the floor plate."
RL Neuron 23:233-246(1999).
CC -!- FUNCTION: Cell adhesion protein that promotes the attachment of spinal cord and sensory neuron cells and the outgrowth of neurites in vitro. May contribute to the growth and guidance of axons in both the spinal cord and the PNS (By similarity). Somite-derived spondin 1 is an inhibitory signal involved in patterning the segmental migration of neural crest cells and their topographical segregation within the rostral somites in vitro. May be required to prevent the lateral drifting of the commissural axons after having crossed the floor plate.
CC -!- SUBCELLULAR LOCATION: Secreted; extracellular matrix (By similarity).
CC -!- SIMILARITY: Contains 1 reelin domain.
CC -!- SIMILARITY: Contains 1 spondin domain.
CC -!- SIMILARITY: Contains 6 TSP type-1 domains.
CC This SWISS-PROT entry is copyright. It is produced through a collaboration between the Swiss Institute of Bioinformatics and the EMBL outstation - the European Bioinformatics Institute. There are no restrictions on its use by non-profit institutions as long as its content is in no way modified and this statement is not removed. Usage by and for commercial entities requires a license agreement (See http://www.isb-sib.ch/announce/ or send an email to license@sib-sib.ch).
CC -----
DR EMBL: AF149302; AAD41495.1; -.
DR HSSP: P07996; ILSL.
DR InterPro: IPR002861; Reeler.
DR InterPro: IPR009465; Spond_N.
DR InterPro: IPR000884; TSPI_1.
DR Pfam: PF02014; Reeler; 1.
DR Pfam: PF06468; Spond_N; 1.
DR Pfam: PF00090; TSP 1; 6.
DR SMART: SM00209; TSPI; 6.
DR PROSITE: PS51019; REELIN; 1.
DR PROSITE: PS51020; SPONDIN; 1.
DR PROSITE: PS50092; TSPI; 6.
KW Cell adhesion; Extracellular matrix; Glycoprotein; Repeat; Signal.
FT SIGNAL 1 23 By similarity.
FT CHAIN 24 802 Spondin 1.
FT DOMAIN 24 189 Reelin.
FT DOMAIN 190 383 Spondin.
FT DOMAIN 437 490 TSP type-1 1.
FT DOMAIN 496 550 TSP type-1 2.
FT DOMAIN 553 606 TSP type-1 3.
FT DOMAIN 609 661 TSP type-1 4.
FT DOMAIN 663 716 TSP type-1 5.
FT DOMAIN 749 801 TSP type-1 6.
FT CARBOHYD 209 209 N-linked (GlcNAc...) (Potential).
FT CARBOHYD 676 676 N-linked (GlcNAc...) (Potential).
SQ SEQUENCE 802 AA; 90509 MW; 0644D2BDD0A0FE12 CRC64;

Query Match 26.2%; Score 460.5; DB 1; Length 802;
Best Local Similarity 32.1%; Pred. No. 1.2e-27;
Matches 109; Conservative 53; Mismatches 139; Indels 39; Gaps 10;

QY 9 ALGKALCALLLATLGAAGQPLGGEISCSARAPAKYSITFTGKWSQATFPKQVPLFRPPAQ 68
DB 171 SLTKRICEQDSASEGVTDKP---TLDDCCAGCTAKYRLTFYGNWSEKTHPKDYP--RRTNH 225

QY 69 WSLGLGAHSSDYSMWRKNQYVNSGLRDFAEERGEAWLMKEIEAAGEALQSV----- 120
DB 226 WSAIIGSSHSKNYLWEYGGYASEGVKQVAELGSPVKMEEIRQQSDDEVLTVIKAKAQPW 285

QY 121 -HEVFSAPAVPSGTGTSAELEVQRHSLVSFVVRIVPSDFWGVDSLDLDCGD-RWRE 178
DB 286 AQOPLNVRAAP-----SAEFSVDRHRLHLSFMTMGPSFDMNVGLSAEDLCTKDCGWVQ 339
```


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GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.

OM protein - protein search, using sw model

Run on: June 6, 2005, 12:31:40 ; Search time 87 Seconds
(without alignments)
1471.468 Million cell updates/sec

Title: US-09-938-418-8

Perfect score: 1760

Sequence: 1 MENPSPAAALGKALCALLA.....NGSPCELEEAECVPCDNCV 331

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 2105692 seqs, 386760381 residues

Total number of hits satisfying chosen parameters: 71

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 100%

Maximum Match 100%

Listing first 500 summaries

Database : 1: Genesecp16Dec04:*

2: Genesecp1980s:*

3: Genesecp2000s:*

4: Genesecp2001s:*

5: Genesecp2002s:*

6: Genesecp2003as:*

7: Genesecp2003bs:*

8: Genesecp2004s:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1760	100.0	331	2	Aaw70589 Adhesion-
2	1760	100.0	331	2	Aay41721 Human PRO
3	1760	100.0	331	3	Aab33465 Human PRO
4	1760	100.0	331	3	Aab44277 Human PRO
5	1760	100.0	331	3	Aay95349 Human PRO
6	1760	100.0	331	4	Aam93266 Human pol
7	1760	100.0	331	5	Aae20463 Human tum
8	1760	100.0	331	6	Abo25223 Novel hum
9	1760	100.0	331	6	Abu72229 Novel hum
10	1760	100.0	331	6	Abu84909 Human sec
11	1760	100.0	331	6	Abu61107 Human PRO
12	1760	100.0	331	6	Abu80376 Human sec
13	1760	100.0	331	6	Abg75949 Human ant
14	1760	100.0	331	6	Ada24775 Novel hum
15	1760	100.0	331	6	Abo19678 Novel hum
16	1760	100.0	331	6	Ada12436 Human sec
17	1760	100.0	331	6	Abo19569 Novel hum
18	1760	100.0	331	7	Adb73742 Human PRO
19	1760	100.0	331	7	Adb76458 Human PRO
20	1760	100.0	331	7	Adc43884 Human sec
21	1760	100.0	331	7	Adc61644 Human sec
22	1760	100.0	331	7	Adc63608 Human sec
23	1760	100.0	331	7	Adc66708 Human sec
24	1760	100.0	331	7	Adc68832 Human sec
25	1760	100.0	331	7	Adc62892 Human sec

26	1760	100.0	331	7	ADC67957	Human sec
27	1760	100.0	331	7	ADC41277	Human sec
28	1760	100.0	331	7	ADC67332	Human sec
29	1760	100.0	331	7	ADC62268	Human sec
30	1760	100.0	331	7	ADC41901	Human sec
31	1760	100.0	331	7	ADe49270	Human sec
32	1760	100.0	331	7	ADe35324	Human sec
33	1760	100.0	331	7	ADe16438	Human sec
34	1760	100.0	331	7	ADe13053	Human sec
35	1760	100.0	331	7	ADe72411	Human sec
36	1760	100.0	331	7	ADe17062	Human sec
37	1760	100.0	331	7	ADe47076	Human sec
38	1760	100.0	331	7	ADG42587	Human ext
39	1760	100.0	331	7	ADG52833	Human sec
40	1760	100.0	331	7	ADG60153	Human sec
41	1760	100.0	331	7	AD160913	Human sec
42	1760	100.0	331	8	ADe48570	Human sec
43	1760	100.0	331	8	ADe89671	Human sec
44	1760	100.0	331	8	ADf61311	Human sec
45	1760	100.0	331	8	ADf40003	Human sec
46	1760	100.0	331	8	ADf45799	Human sec
47	1760	100.0	331	8	ADf24195	Human sec
48	1760	100.0	331	8	ADf40627	Human sec
49	1760	100.0	331	8	ADf23571	Human sec
50	1760	100.0	331	8	ADf33554	Human sec
51	1760	100.0	331	8	ADf27021	Human sec
52	1760	100.0	331	8	ADf27657	Human sec
53	1760	100.0	331	8	ADf41251	Human sec
54	1760	100.0	331	8	ADf32930	Human sec
55	1760	100.0	331	8	ADf25296	Human sec
56	1760	100.0	331	8	ADf26397	Human sec
57	1760	100.0	331	8	ADf34186	Human sec
58	1760	100.0	331	8	ADf46423	Human sec
59	1760	100.0	331	8	ADG50409	Human sec
60	1760	100.0	331	8	ADG49785	Human sec
61	1760	100.0	331	8	ADG51657	Human sec
62	1760	100.0	331	8	ADG49161	Human sec
63	1760	100.0	331	8	ADG48537	Human sec
64	1760	100.0	331	8	ADG51033	Human sec
65	1760	100.0	331	8	ADG58977	Human sec
66	1760	100.0	331	8	ADG62433	Human sec
67	1760	100.0	331	8	ADH25458	Human neu
68	1760	100.0	331	8	ADL30694	Human pro
69	1760	100.0	331	8	ADM17235	Human sec
70	1760	100.0	331	8	ADL07069	Human sec
71	1760	100.0	331	8	ADT93925	Human PRO

ALIGNMENTS

RESULT 1

AAW70589

ID AAW70589 standard; protein; 331 AA.

XX

AC AAW70589;

XX

DT 21-JAN-1999 (first entry)

XX

DE Adhesion-modulating protein zsig25.

XX

KW zsig25; adhesion-modulating protein; prostate cell; prostatic carcinoma;
KW B-cell cancer; infertility; Wolf-Hirschhorn syndrome;
KW chromosome 4 (p16.3).

XX

OS Homo sapiens.

XX

PN WO9845442-A2.

XX

PD 15-OCT-1998.

XX

PF 10-APR-1998; 98WO-US007117.

XX

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PR 10-APR-1997; 97US-0043421P.
XX 11-JUN-1997; 97US-0049288P.
XX (ZYMO ) ZYMOGENETICS INC.
XX Sheppard PO;
XX
XX WPI; 1998-557522/47.
DR N-PSDB; AAV63241.
XX
XX New zsig25 protein - and antibodies, involved in modulation of adhesion,
PT used for diagnosis and treatment of prostatic and B-cell tumours,
PT stimulation of haematopoietic cells, treatment of immune deficiency etc.
XX
XX Claim 7; Page 111; 161pp; English.
XX
XX The present sequence represents a protein designated zsig25. The zsig25
CC protein is an adhesion-modulating protein expressed at very high level in
CC prostate cells. The protein is useful as a diagnostic marker for
CC prostatic carcinoma and B-cell cancers, possibly also for infertility,
CC and as a reagent for separating cancerous and non-cancerous cells. The
CC products may also be used to diagnose or treat Wolf-Hirschhorn syndrome,
CC associated with a deletion in the region of chromosome 4 (p16.3) where
CC the zsig25 gene is located
XX
XX Sequence 331 AA;
SQ
Query Match 100.0%; Score 1760; DB 2; Length 331;
Best Local Similarity 100.0%; Pred. No. 1.4e-160; Indels 0; Gaps 0;
Matches 331; Conservative 0; Mismatches 0;
QY 1 MENPSPAALGKALCALLLATLGAAGQPLGGESIC SARAPAKYSITFTGKNSQTAFPKQY 60
DB 1 MENPSPAALGKALCALLLATLGAAGQPLGGESIC SARAPAKYSITFTGKNSQTAFPKQY 60
QY 61 PLFRPPAQNSSLGAHSSDYNSWRKNQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120
DB 61 PLFRPPAQNSSLGAHSSDYNSWRKNQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120
QY 121 HEVFSAPAVPGTGQTSAELEVRHSLVSFVVRIVPSDFWVGVDLSLDCGDRWREGA 180
DB 121 HEVFSAPAVPGTGQTSAELEVRHSLVSFVVRIVPSDFWVGVDLSLDCGDRWREGA 180
QY 181 ALDLVPYDAGTDSGFTFSSPNEFATIPQDVTITSSSPHSPANSFYYPRLKALPIARVT 240
DB 181 ALDLVPYDAGTDSGFTFSSPNEFATIPQDVTITSSSPHSPANSFYYPRLKALPIARVT 240
QY 241 LLRLRQSPRAFIPPAVPLPSRNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTSK 300
DB 241 LLRLRQSPRAFIPPAVPLPSRNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTSK 300
QY 301 RTRYVRVQPNNGNSPCPELEEEAEVCYDNCV 331
DB 301 RTRYVRVQPNNGNSPCPELEEEAEVCYDNCV 331
RESULT 2
AA41721
ID AAY41721 standard; protein; 331 AA.
XX
XX AAY41721;
XX
XX 07-DEC-1999 (first entry)
XX
XX Human PRO866 protein sequence.
XX
XX Human; PRO; EST; expressed sequence tag; PCR primer; hybridisation;
KW probe; blood coagulation disorder; cancer; cellular adhesion disorder;
KW secreted protein; transmembrane protein.
XX
XX Homo sapiens.
XX
XX WC9946281-A2.
XX
XX
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XX
PD
XX
PF
XX
XX 16-SEP-1999.
XX 08-MAR-1999; 99WO-US005028.
XX
XX 10-MAR-1998; 98US-0077450P.
XX 11-MAR-1998; 98US-0077632P.
XX 11-MAR-1998; 98US-0077641P.
XX 11-MAR-1998; 98US-0077649P.
XX 12-MAR-1998; 98US-0077791P.
XX 13-MAR-1998; 98US-0078004P.
XX 17-MAR-1998; 98US-00040220.
XX 20-MAR-1998; 98US-0078886P.
XX 20-MAR-1998; 98US-0078910P.
XX 20-MAR-1998; 98US-0078936P.
XX 20-MAR-1998; 98US-0078939P.
XX 25-MAR-1998; 98US-0079294P.
XX 26-MAR-1998; 98US-0079656P.
XX 27-MAR-1998; 98US-0079663P.
XX 27-MAR-1998; 98US-0079664P.
XX 27-MAR-1998; 98US-0079689P.
XX 27-MAR-1998; 98US-0079728P.
XX 27-MAR-1998; 98US-0079786P.
XX 30-MAR-1998; 98US-0079920P.
XX 30-MAR-1998; 98US-0079923P.
XX 31-MAR-1998; 98US-0080105P.
XX 31-MAR-1998; 98US-0080107P.
XX 31-MAR-1998; 98US-0080165P.
XX 31-MAR-1998; 98US-0080194P.
XX 01-APR-1998; 98US-0080327P.
XX 01-APR-1998; 98US-0080328P.
XX 01-APR-1998; 98US-0080333P.
XX 01-APR-1998; 98US-0080334P.
XX 08-APR-1998; 98US-0081049P.
XX 08-APR-1998; 98US-0081070P.
XX 08-APR-1998; 98US-0081071P.
XX 09-APR-1998; 98US-0081195P.
XX 09-APR-1998; 98US-0081203P.
XX 09-APR-1998; 98US-0081229P.
XX 15-APR-1998; 98US-0081817P.
XX 15-APR-1998; 98US-0081838P.
XX 15-APR-1998; 98US-0081952P.
XX 15-APR-1998; 98US-0081955P.
XX 21-APR-1998; 98US-0082568P.
XX 21-APR-1998; 98US-0082569P.
XX 22-APR-1998; 98US-0082700P.
XX 22-APR-1998; 98US-0082704P.
XX 22-APR-1998; 98US-0082804P.
XX 23-APR-1998; 98US-0082767P.
XX 23-APR-1998; 98US-0082796P.
XX 27-APR-1998; 98US-0083366P.
XX 28-APR-1998; 98US-0083322P.
XX 29-APR-1998; 98US-0083392P.
XX 29-APR-1998; 98US-0083495P.
XX 29-APR-1998; 98US-0083496P.
XX 29-APR-1998; 98US-0083499P.
XX 29-APR-1998; 98US-0083500P.
XX 29-APR-1998; 98US-0083545P.
XX 29-APR-1998; 98US-0083554P.
XX 29-APR-1998; 98US-0083558P.
XX 30-APR-1998; 98US-0083559P.
XX 05-MAY-1998; 98US-0083742P.
XX 06-MAY-1998; 98US-0084366P.
XX 06-MAY-1998; 98US-0084414P.
XX 07-MAY-1998; 98US-0084444P.
XX 07-MAY-1998; 98US-0084598P.
XX 07-MAY-1998; 98US-0084600P.
XX 07-MAY-1998; 98US-0084627P.
XX 07-MAY-1998; 98US-0084637P.
XX 07-MAY-1998; 98US-0084639P.
XX 07-MAY-1998; 98US-0084640P.
XX 07-MAY-1998; 98US-0084643P.
XX 13-MAY-1998; 98US-0085323P.
XX
```


PR	18-FEB-2000; 2000WO-US004342.	AC	AAB44277;
PR	22-FEB-2000; 2000WO-US004414.	XX	
XX	(GETH) GENENTECH INC.	DT	08-FEB-2001 (first entry)
PA		DE	Human PRO866 (UNQ435) protein sequence SEQ ID NO:236.
XX		DE	Human; secreted protein; transmembrane protein; PRO; EST; cytostatic;
PI	Ashkenazi AJ, Baker KP, Goddard A, Gurney AL, Hebert C, Henzel W;	KW	expressed sequence tag; detection; cancer.
PI	Kabakoff RC, Lu Y, Pan J, Pennica D, Shelton DL, Smith V;	OS	Homo sapiens.
PI	Stewart TA, Tumas D, Watanabe CK, Wood WI, Yan M;	XX	
DR	WPI; 2000-572271/53.	XX	WO200053756-A2.
DR	N-PSDB; AAC58630.	PD	14-SEP-2000.
XX		XX	18-FEB-2000; 2000WO-US004341.
PS	Claim 33; Fig 104; 309pp; English.	XX	08-MAR-1999; 99WO-US005028.
XX		PR	12-MAR-1999; 99US-0123957P.
CC	The present invention describes sixty four human PRO proteins which can	PR	29-MAR-1999; 99US-0126773P.
CC	be used in the treatment of immune related diseases. The human PRO	PR	21-APR-1999; 99US-0130232P.
CC	proteins, anti-PRO antibodies, agonists and antagonists are useful for	PR	28-APR-1999; 99US-0131445P.
CC	treating and diagnosing immune related disorders. The disorders are	PR	14-MAY-1999; 99US-0134287P.
CC	selected from systemic lupus erythematosus, rheumatoid arthritis,	PR	23-JUN-1999; 99US-0141037P.
CC	osteoarthritis, juvenile chronic arthritis, spondyloarthropathies,	PR	26-JUL-1999; 99US-0145698P.
CC	systemic sclerosis, idiopathic inflammatory myopathies, Sjogren's	PR	30-OCT-1999; 99US-0162506P.
CC	syndrome, systemic vasculitis, sarcoidosis, autoimmune haemolytic	PR	29-NOV-1999; 99WO-US028313.
CC	anaemia, autoimmune thrombocytopenia, thyroiditis, diabetes mellitus,	PR	02-DEC-1999; 99WO-US028551.
CC	immune-mediated renal disease, demyelinating diseases of the central and	PR	02-DEC-1999; 99WO-US028565.
CC	peripheral nervous systems, hepatobiliary diseases, inflammatory bowel	PR	16-DEC-1999; 99WO-US030095.
CC	disease, gluten-sensitive enteropathy and Whipple's disease, autoimmune	PR	30-DEC-1999; 99WO-US031243.
CC	or immune-mediated skin diseases, allergic diseases, immunological	PR	30-DEC-1999; 99WO-US031274.
CC	diseases of the lung, and transplantation associated diseases including	PR	05-JAN-2000; 2000WO-US000219.
CC	graft rejection and graft-versus-host-disease. AAC58397 to AAC58578	PR	06-JAN-2000; 2000WO-US000277.
CC	represent PCR primers and hybridization probes used in the isolation of	PR	06-JAN-2000; 2000WO-US000376.
CC	human PRO sequences. AAC58579 to AAC58642 and AAB33414 to AAB33477	XX	
CC	represent human PRO polynucleotide and protein sequences given in the	XX	(GETH) GENENTECH INC.
CC	exemplification of the present invention	XX	
XX		PI	Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
SQ	Sequence 331 AA;	PI	Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
	Query Match 100.0%; Score 1760; DB 3; Length 331;	PI	Goddard A, Godowski PJ, Grimaldi CU, Gurney AL, Hillan KJ; Shelton DL;
	Best Local Similarity 100.0%; Pred. No. 1.4e-160;	PI	Kijavini IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Stewart TA, Tumas D, Williams PM, Wood WI;
	Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	XX	
QY	1 MENPSPAAALGKALLATLCAAGQPLGGESICSAAPAKYSITFTGKWSQTAPPKQY 60	DR	WPI; 2000-611443/58.
DB	1 MENPSPAAALGKALLATLCAAGQPLGGESICSAAPAKYSITFTGKWSQTAPPKQY 60	DR	N-PSDB; AAC78507.
QY	61 PLFRPPAQWSSLLGAHSSDYSMWRKNQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120	XX	Novel PRO polypeptides and polynucleotides used in detection methods, to
DB	61 PLFRPPAQWSSLLGAHSSDYSMWRKNQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120	PT	target bioactive molecules to specific cells, and to modulate cellular
QY	121 HEVFSAPAVPSGTGTSABLEVQRHSLVSFVVRIVPSPDFVGVDSLDLDCDGRWROA 180	XX	activities.
DB	121 HEVFSAPAVPSGTGTSABLEVQRHSLVSFVVRIVPSPDFVGVDSLDLDCDGRWROA 180	PS	Claim 12; Fig 87; 636pp; English.
QY	181 ADLDPYDAGTDSGTFSSPNFATIPQDTVTETITSSSPHSPANSFYPRLKALPIARTV 240	XX	AAC78458 to AAC78599 represent polynucleotide and EST (expressed sequence
DB	181 ADLDPYDAGTDSGTFSSPNFATIPQDTVTETITSSSPHSPANSFYPRLKALPIARTV 240	CC	tag) sequences which encode secreted or transmembrane PRO polypeptides.
QY	241 LLRLRQSPRAFIPAPVLPFSRDNEIVDSASVETPLDCEVLSWSSWGLCGHCGRLGTS 300	CC	The PRO polynucleotides and polypeptides have cytostatic activity. The
DB	241 LLRLRQSPRAFIPAPVLPFSRDNEIVDSASVETPLDCEVLSWSSWGLCGHCGRLGTS 300	CC	polynucleotides and polypeptides can be used for detecting the presence
QY	301 RTRYRVQPANNGSPCPELEEEAEACVDPNCV 331	CC	of PRO polypeptides in samples, for linking bioactive molecules to cells
DB	301 RTRYRVQPANNGSPCPELEEEAEACVDPNCV 331	CC	and for modulating biological activities of cells, using the polypeptides
		CC	for specific targeting. The polypeptide targeting can be used to kill the
		CC	target cells, e.g. for the treatment of cancers. The polypeptide pairs
		CC	provide specific targeting of bioactive molecules to cells. AAC78600 to
		CC	AAC78987 represent PCR primers and probes used in the isolation of the
		CC	PRO polynucleotide sequences
		XX	Sequence 331 AA;
		SQ	Query Match 100.0%; Score 1760; DB 3; Length 331;
			Best Local Similarity 100.0%; Pred. No. 1.4e-160;
			Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
RESULT 4			
AAB44277			
ID	AAB44277 standard; protein; 331 AA.		
XX			

Db 1 MENPSPAAALGKALCALLLTLATLGAAGQPLGGESIC SARAPAKYSITFTGKWSQTAPPKQY 60
QY 61 PLFRPPAOWSSLLGAHSSDYSMWRKNQVSNGLRDFAEERGEAWALMKIEIAAGEALQSV 120
Db 61 PLFRPPAOWSSLLGAHSSDYSMWRKNQVSNGLRDFAEERGEAWALMKIEIAAGEALQSV 120
QY 121 HEVFSAPAVPSGTGTSAELEVRHSLVSFVVRIVPSPDFVGVDSLDLDCGDRWREQA 180
Db 121 HEVFSAPAVPSGTGTSAELEVRHSLVSFVVRIVPSPDFVGVDSLDLDCGDRWREQA 180
QY 181 ALDLYPDAGTDSGFTTSSPNFATIPQDTVTTEITSSPSHPANSFYPRKALPPIARVT 240
Db 181 ALDLYPDAGTDSGFTTSSPNFATIPQDTVTTEITSSPSHPANSFYPRKALPPIARVT 240
QY 241 LLRLQSPRAFIPAPVLPSPDNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTS 300
Db 241 LLRLQSPRAFIPAPVLPSPDNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTS 300
QY 301 RTRYRVQPNANGSPCPELEEEAECPDNCV 331
Db 301 RTRYRVQPNANGSPCPELEEEAECPDNCV 331

RESULT 5
AAV95349
ID AAY95349 standard; protein; 331 AA.
AC AAY95349;
XX
XX 25-SEP-2000 (first entry)
XX Human PRO866 antitumour protein.
DE
XX PRO866; human; antitumour; tumour; therapy; cytostatic; breast cancer;
KW ovarian cancer; renal cancer; colorectal cancer; uterine cancer;
KW prostate cancer; lung cancer; bladder cancer;
KW central nervous system cancer; melanoma; leukaemia; neoplasm.
OS Homo sapiens.

XX Key
FH Peptide
FT 1..26 /label= Signal_peptide
FT Modified-site 26..32 /note= "N-myristoylation"
FT Protein 27..331
FT Modified-site 74..80 /label= PRO866
FT 131..135 /note= "N-myristoylation"
FT Region 132..138 /note= "glycosaminoglycan attachment site"
FT Modified-site 134..140 /note= "N-myristoylation"
FT Modified-site 144..148 /note= "N-myristoylation"
FT Modified-site 190..196 /note= "protein kinase phosphorylation site"
FT Modified-site 287..293 /note= "N-myristoylation"
FT Modified-site 290..296 /note= "N-myristoylation"
FT Modified-site 290..296 /note= "N-myristoylation"
XX
PN W0200037638-A2.
XX
XX 29-JUN-2000.
XX
XX 02-DEC-1999; 99WO-US028565.
XX
XX 22-DEC-1998; 98US-0113296P.
PR 08-MAR-1999; 99WO-US005028.
PR 21-APR-1999; 99US-0130232P.

PR 28-APR-1999; 99US-0131445P.
PR 14-MAY-1999; 99US-0134287P.
PR 20-JUL-1999; 99US-0144758P.
PR 26-JUL-1999; 99US-0145698P.
PR 15-SEP-1999; 99WO-US021090.
PR 15-SEP-1999; 99WO-US021547.
XX (GETH) GENENTECH INC.
XX
XX Ashkenazi AJ, Goddard A, Godowski PJ, Gurney AL, Marsters SA;
PI Napier MA, Pitti RM, Wood WI;
XX WPI; 2000-442668/38.
DR N-PSDB; AAA49728.
XX
XX Novel composition to inhibit neoplastic cell growth or for treating tumor
PT in mammal comprises polypeptides PRO179, PRO207, PRO320, PRO221,
PT PRO224, PRO328, PRO301, PRO526, PRO362, PRO356, PRO509 or PRO866.
XX
XX Claim 19; Fig 26; 172pp; English.
XX
XX The present sequence is that of human antitumour protein PRO866, as
CC deduced from a foetal kidney cDNA clone (see AAA49728). PRO866 shows
CC homology to members of the mindin/spondin family of proteins. A claimed
CC method for inhibiting the growth of a tumour cell comprises exposing the
CC tumour cell to PRO179, PRO207, PRO320, PRO219, PRO224, PRO328
CC PRO301, PRO526, PRO362, PRO356, PRO509 or PRO866 (see AAY95337-49); their
CC agonists or chimeric polypeptides incorporating them. The tumour is
CC especially a cancer selected from breast, ovarian, renal, colorectal,
CC uterine, prostate, lung, bladder and central nervous system cancer,
CC melanoma and leukaemia. Methods for the recombinant expression of the
CC antitumour proteins are also provided
XX
XX Sequence 331 AA;
SQ

Query Match 100.0%; Score 1760; DB 3; Length 331;
Best Local Similarity 100.0%; Pred. No. 1.4e-160;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MENPSPAAALGKALCALLLTLATLGAAGQPLGGESIC SARAPAKYSITFTGKWSQTAPPKQY 60
Db 1 MENPSPAAALGKALCALLLTLATLGAAGQPLGGESIC SARAPAKYSITFTGKWSQTAPPKQY 60
QY 61 PLFRPPAOWSSLLGAHSSDYSMWRKNQVSNGLRDFAEERGEAWALMKIEIAAGEALQSV 120
Db 61 PLFRPPAOWSSLLGAHSSDYSMWRKNQVSNGLRDFAEERGEAWALMKIEIAAGEALQSV 120
QY 121 HEVFSAPAVPSGTGTSAELEVRHSLVSFVVRIVPSPDFVGVDSLDLDCGDRWREQA 180
Db 121 HEVFSAPAVPSGTGTSAELEVRHSLVSFVVRIVPSPDFVGVDSLDLDCGDRWREQA 180
QY 181 ALDLYPDAGTDSGFTTSSPNFATIPQDTVTTEITSSPSHPANSFYPRKALPPIARVT 240
Db 181 ALDLYPDAGTDSGFTTSSPNFATIPQDTVTTEITSSPSHPANSFYPRKALPPIARVT 240
QY 241 LLRLQSPRAFIPAPVLPSPDNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTS 300
Db 241 LLRLQSPRAFIPAPVLPSPDNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTS 300
QY 301 RTRYRVQPNANGSPCPELEEEAECPDNCV 331
Db 301 RTRYRVQPNANGSPCPELEEEAECPDNCV 331

RESULT 6
AAM93266
ID AAM93266 standard; protein; 331 AA.
XX
XX AAM93266;
XX
XX 06-NOV-2001 (first entry)
XX Human polypeptide, SEQ ID NO: 2727.
DE

```
XX Human; full length cDNA; cDNA synthesis; oligo-capping.
XX Homo sapiens.
OS EP1130094-A2.
XX
XX 05-SEP-2001.
XX
XX 07-JUL-2000; 2000EP-00114089.
XX
XX 08-JUL-1999; 99JP-00194486.
XX
XX 11-JAN-2000; 2000JP-00118774.
XX
XX 02-MAY-2000; 2000JP-00183765.
XX
XX (HELI-) HELIX RES INST.
XX
XX Ota T, Nishikawa T, Isogai T, Hayashi K, Ishii S, Kawai Y;
XX Wakamatsu A, Sugiyama T, Nagai K, Kojima S, Otsuki T, Koga H;
XX WPI; 2001-524255/58.
XX N-PSDB; AAK94182.
XX
XX 930 Primers useful for synthesizing full length cDNA clones and their use
XX in genetic manipulation.
XX
XX Claim 8; SEQ ID NO 2727; 1380pp + Sequence Listing; English.
XX
XX The invention relates to primers for synthesising full length cDNA
XX clones. 830 cDNA molecules encoding a human protein have been isolated
XX and nucleotide sequences of 5'- and 3'-ends of the cDNA molecules have
XX been determined. Primers for synthesising the full length cDNA are useful
XX for clarifying the function of the protein encoded by the cDNA. The full
XX length clones were obtained by construction of full length enriched cDNA
XX libraries that were synthesised by the oligo-capping method. The primers
XX enable the production of the full length cDNA easily without any special
XX methods. The present sequence is a polypeptide encoded by a full length
XX human cDNA of the invention. Note: The sequence data for this patent did
XX not form part of the printed specification, but was obtained in CD-ROM
XX format directly from EPO
XX
XX Sequence 331 AA;
XX
XX Query Match
XX Best Local Similarity 100.0%; Score 1760; DB 4; Length 331;
XX Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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XX 1 MENPSPAAALGKALCALLLTIAGAGQPLGGESIC SARAPAKYSITFTGKWSQTAPPKQY 60
XX
XX 1 MENPSPAAALGKALCALLLTIAGAGQPLGGESIC SARAPAKYSITFTGKWSQTAPPKQY 60
XX
XX 61 PLFRPPAOWSSLLGAHSSDYSMWRKNQVNSGLRDPFAERGEAWALMKEIEAAGALQSV 120
XX
XX 61 PLFRPPAOWSSLLGAHSSDYSMWRKNQVNSGLRDPFAERGEAWALMKEIEAAGALQSV 120
XX
XX 121 HEVFSAPAVPSGTGTSASLEVRHSLSVFFVRIVPSDFVGVDSLDCDGRWREOA 180
XX
XX 121 HEVFSAPAVPSGTGTSASLEVRHSLSVFFVRIVPSDFVGVDSLDCDGRWREOA 180
XX
XX 181 ALDLYPYDAGTSGFTFSSPNFATIPQDVTVTITSSPSHPANSFYFPRKALPPIARTV 240
XX
XX 181 ALDLYPYDAGTSGFTFSSPNFATIPQDVTVTITSSPSHPANSFYFPRKALPPIARTV 240
XX
XX 241 LRLRQSPRAFIPAPVLPSPRNEIVDSASVETPLDCEVLSWSSWGLCGHCGRLGTGS 300
XX
XX 241 LRLRQSPRAFIPAPVLPSPRNEIVDSASVETPLDCEVLSWSSWGLCGHCGRLGTGS 300
XX
XX 301 RTRYRVQPNNGNSPCPELEEEAECPDNCV 331
XX
XX 301 RTRYRVQPNNGNSPCPELEEEAECPDNCV 331
XX
XX RESULT 7
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AAE20463
ID AAE20463 standard; protein; 331 AA.
XX
AC AAE20463;
XX
DT 01-JUL-2002 (first entry)
XX
DE Human tumour-associated antigenic target-171 (TAT171) protein.
XX
KW Human; tumour-associated antigenic target-171; TAT171; cytostatic;
KW gene therapy; tumour; breast; lung; liver; stomach; cancer; ADEPT;
KW antibody-dependent enzyme mediated prodrug therapy.
XX
OS Homo sapiens.
XX
FH Key Location/Qualifiers
FT Peptide 1..26
FT Modified-site /label= Signal_peptide
FT /note= "N-myristoylation site"
FT Protein 26..31
FT /label= Mature_TAT171_protein
FT Modified-site 27..331
FT Binding-site 74..79
FT /note= "N-myristoylation site"
FT /note= "Glycosaminoglycan attachment site"
FT Modified-site 131..134
FT /note= "N-myristoylation site"
FT Modified-site 132..137
FT /note= "N-myristoylation site"
FT Modified-site 134..139
FT /note= "N-myristoylation site"
FT Modified-site 144..147
FT /note= "cAMP- and cGMP-dependent protein kinase phosphorylation site"
FT Modified-site 190..195
FT /note= "N-myristoylation site"
FT Modified-site 287..292
FT /note= "N-myristoylation site"
FT Modified-site 290..295
FT /note= "N-myristoylation site"
XX
XX WO200216602-A2.
XX
XX 28-FEB-2002.
XX
XX 23-AUG-2001; 2001WO-US026626.
XX
XX 24-AUG-2000; 2000WO-US023328.
XX
XX 01-DEC-2000; 2000WO-US032678.
XX
XX 28-FEB-2001; 2001WO-US006520.
XX
XX 01-JUN-2001; 2001WO-US017800.
XX
XX 20-JUN-2001; 2001WO-US019692.
XX
XX 29-JUN-2001; 2001WO-US021066.
XX
XX 09-JUL-2001; 2001WO-US021735.
XX
XX (GETH ) GENENTECH INC.
XX
XX Ashkenazi AJ, Goddard A, Godowski PJ, Gurney AL, Polakis P;
XX Williams PM, Wood WI, Wu TD, Zhang Z;
XX WPI; 2002-292065/33.
XX N-PSDB; AAD32718.
XX
XX New antibodies that bind tumor-associated antigenic target (TAT)
XX polypeptides, useful for treating and diagnosing tumor (e.g. breast,
XX lung, liver or stomach tumor) in mammals, e.g. dogs, cats, cattle, pigs,
XX goats, rabbits or humans.
XX
XX Claim 1; Fig 8; 124pp; English.
XX
XX The present invention relates to an isolated antibody that binds to tumor
XX -associated antigenic target (TAT) polypeptide. The antibody is used for
XX treating and diagnosing tumours (e.g. breast, lung, liver or stomach
XX tumours) in mammals, e.g. dogs, cats, cattle, horses, sheep, pigs, goats,
```


CC rabbits, or preferably humans. The antibody may also be used in antibody-
CC dependent enzyme mediated prodrug therapy (ADEPT). The antibody is also
CC useful for the therapeutic treatment or for the diagnostic detection of
CC cancer. TAT cDNA is useful in gene therapy. The present sequence is human
CC TAT171 protein. TAT171 cDNA is designated as DNA53971-1359
XX
SQ Sequence 331 AA;

Query Match 100.0%; Score 1760; DB 5; Length 331;
Best Local Similarity 100.0%; Pred. No. 1.4e-160;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MENPSPAALGKALCALLATLGAACQPLGGISCSARAPAKYSITFTGKWSQTAPPKQY 60
DB 1 MENPSPAALGKALCALLATLGAACQPLGGISCSARAPAKYSITFTGKWSQTAPPKQY 60
QY 61 PLFRPPAONSSLLGAHSSDYSMWRKNQYVNSGLRDFAEERGEAWALMKIEAAGEALQSV 120
DB 61 PLFRPPAONSSLLGAHSSDYSMWRKNQYVNSGLRDFAEERGEAWALMKIEAAGEALQSV 120
QY 121 HEVFSAPAVPSGTQTSABLEVORRHSLVSFVRIIVPSDPDFVGVDSLDLDCGDRWREQA 180
DB 121 HEVFSAPAVPSGTQTSABLEVORRHSLVSFVRIIVPSDPDFVGVDSLDLDCGDRWREQA 180
QY 181 ALDLXPYDAGTSGFTFSSPNEATIPQDTVTETITSSSPSHPANSFYYPRLKALPPIARTV 240
DB 181 ALDLXPYDAGTSGFTFSSPNEATIPQDTVTETITSSSPSHPANSFYYPRLKALPPIARTV 240
QY 241 LRLRQSPRAFIPAPVLPSPRNEIVDSASVPETPLDCEVLSWSSMGLCGHCGRLGTKS 300
DB 241 LRLRQSPRAFIPAPVLPSPRNEIVDSASVPETPLDCEVLSWSSMGLCGHCGRLGTKS 300
QY 301 RTRYRVQPNNGSPCPLEEEBAECVPDNCV 331
DB 301 RTRYRVQPNNGSPCPLEEEBAECVPDNCV 331

RESULT 8

ABO25223
ID ABO25223 standard; protein; 331 AA.
XX ABO25223;
XX ABO25223;
DT 09-SEP-2003 (first entry)
XX
DE Human secreted and transmembrane protein PRO866.
XX Human; secreted and transmembrane protein; PRO; virucide; gene therapy;
KW cell death; growth induction cascade; blood coagulation cascade;
KW viral infection.
XX Homo sapiens.
XX
PN US2003050239-A1.
XX 13-MAR-2003.
XX
XX 15-OCT-2001; 2001US-00978191.
XX
PR 17-OCT-1997; 97US-0062250P.
PR 03-NOV-1997; 97US-0064249P.
PR 13-NOV-1997; 97US-0065311P.
PR 21-NOV-1997; 97US-0066364P.
PR 10-MAR-1998; 98US-0077450P.
PR 11-MAR-1998; 98US-0077632P.
PR 11-MAR-1998; 98US-0077641P.
PR 11-MAR-1998; 98US-0077649P.
PR 12-MAR-1998; 98US-0077791P.
PR 13-MAR-1998; 98US-0078004P.
PR 17-MAR-1998; 98US-00040220.
PR 20-MAR-1998; 98US-0078866P.
PR 20-MAR-1998; 98US-0078910P.
PR 20-MAR-1998; 98US-0078936P.

PR 20-MAR-1998; 98US-0078939P.
PR 25-MAR-1998; 98US-0079294P.
PR 26-MAR-1998; 98US-0079656P.
PR 27-MAR-1998; 98US-0079663P.
PR 27-MAR-1998; 98US-0079664P.
PR 27-MAR-1998; 98US-0079689P.
PR 27-MAR-1998; 98US-0079728P.
PR 27-MAR-1998; 98US-0079786P.
PR 30-MAR-1998; 98US-0079920P.
PR 30-MAR-1998; 98US-0079923P.
PR 31-MAR-1998; 98US-0080105P.
PR 31-MAR-1998; 98US-0080107P.
PR 31-MAR-1998; 98US-0080165P.
PR 31-MAR-1998; 98US-0080194P.
PR 01-APR-1998; 98US-0080327P.
PR 01-APR-1998; 98US-0080328P.
PR 01-APR-1998; 98US-0080333P.
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PR 08-APR-1998; 98US-0081049P.
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PR 22-APR-1998; 98US-0082700P.
PR 22-APR-1998; 98US-0082704P.
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PR 28-APR-1998; 98US-0083322P.
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PR 30-APR-1998; 98US-0083559P.
PR 30-APR-1998; 98US-0083742P.
PR 05-MAY-1998; 98US-0084366P.
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PR 07-MAY-1998; 98US-0084598P.
PR 07-MAY-1998; 98US-0084600P.
PR 07-MAY-1998; 98US-0084627P.
PR 07-MAY-1998; 98US-0084637P.
PR 07-MAY-1998; 98US-0084639P.
PR 07-MAY-1998; 98US-0084640P.
PR 07-MAY-1998; 98US-0084643P.
PR 13-MAY-1998; 98US-0085323P.
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PR 22-MAY-1998; 98US-0086430P.

PR 22-MAY-1998;	98US-0086486P.	PR 22-MAR-2001; 2001US-00816744.
PR 28-MAY-1998;	98US-0087098P.	PR 22-MAR-2001; 2001US-00816920.
PR 28-MAY-1998;	98US-0087106P.	PR 22-MAR-2001; 2001US-00816920.
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PR 26-JUN-1998;	98US-0090863P.	PR 25-MAY-2001; 2001US-00817092.
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PR 02-NOV-1998;	98US-00201141.	PR 20-JUN-2001; 2001US-00896342.
PR 06-NOV-1998;	98US-00184216.	PR 29-JUN-2001; 2001US-00896342.
PR 20-NOV-1998;	98US-0018736P.	PR 09-JUL-2001; 2001US-00896342.
PR 20-NOV-1998;	98US-0109304P.	PR 30-JUL-2001; 2001US-00918585.
PR 20-NOV-1998;	98US-0024855.	XX (GETH) GENENTECH INC.
PR 07-DEC-1998;	98US-00202054.	PA Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
PR 22-DEC-1998;	98US-00218517.	PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
PR 23-DEC-1998;	98US-0113296P.	
PR 05-JAN-1999;	98US-0113621P.	
PR 05-JAN-1999;	98US-0000106.	
PR 08-MAR-1999;	98US-00254465.	
PR 10-MAR-1999;	98US-00265686.	
PR 12-MAR-1999;	98US-00267213.	
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PR 29-MAR-1999;	98US-0126773P.	
PR 12-APR-1999;	98US-00284291.	
PR 21-APR-1999;	98US-0130232P.	
PR 26-APR-1999;	98US-0131022P.	
PR 28-APR-1999;	98US-0131445P.	
PR 14-MAY-1999;	98US-00311832.	
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PR 14-MAY-1999;	98US-00310733.	
PR 02-JUN-1999;	98US-00512252.	
PR 16-JUN-1999;	98US-0139557P.	
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PR 07-JUL-1999;	98US-0142680P.	
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PR 29-OCT-1999;	98US-0162506P.	
PR 30-NOV-1999;	98US-0028313.	
PR 02-DEC-1999;	98US-0028551.	
PR 02-DEC-1999;	98US-0028565.	
PR 16-DEC-1999;	98US-0030095.	
PR 30-DEC-1999;	98US-0031274.	
PR 05-JAN-2000;	2000US-0000219.	
PR 06-JAN-2000;	2000US-0000277.	
PR 11-FEB-2000;	2000US-0000376.	
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PR 24-FEB-2000;	2000US-0004341.	
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PR 21-MAR-2000;	2000US-0006319.	
PR 30-MAR-2000;	2000US-0007532.	
PR 17-MAY-2000;	2000US-0008439.	
PR 22-MAY-2000;	2000US-0013705.	
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PR 02-JUN-2000;	2000US-0015264.	
PR 28-JUL-2000;	2000US-0020710.	
PR 24-AUG-2000;	2000US-0023328.	
PR 08-NOV-2000;	2000US-00709238.	
PR 27-NOV-2000;	2000US-00723749.	
PR 01-DEC-2000;	2000US-0032678.	
PR 20-DEC-2000;	2000US-00747259.	
PR 28-DEC-2000;	2000US-0034956.	
PR 28-FEB-2001;	2001US-0006520.	
PR 22-MAR-2001; 2001US-00816744.		
PR 22-MAR-2001; 2001US-00816920.		
PR 10-MAY-2001; 2001US-00854208.		
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PR 01-JUN-2001; 2001US-00872035.		
PR 05-JUN-2001; 2001US-00874503.		
PR 14-JUN-2001; 2001US-00882636.		
PR 19-JUN-2001; 2001US-00886342.		
PR 20-JUN-2001; 2001US-00896342.		
PR 29-JUN-2001; 2001US-00896342.		
PR 09-JUL-2001; 2001US-00896342.		
PR 30-JUL-2001; 2001US-00918585.		
XX (GETH) GENENTECH INC.		
PA Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;		
PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;		
Query Match 100.0%; Score 1760; DB 6; Length 331;		
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DB 301 RTRYVRVQPNNGSPCELEAEACVPCNCV 331		
RESULT 9		
ABU72229		
ID ABU72229 standard; protein; 331 AA.		
XX ABU72229;		
XX ABU72229;		
DT 16-JUN-2003 (first entry)		
XX Novel human secreted and transmembrane protein PRO866.		
XX Human; secreted and transmembrane protein; PRO; antiinflammatory;		
KW antiarteriosclerotic; cardiant; anti-infertility; anti-HIV; cytostatic;		
KW antidiabetic; gene therapy; inflammatory disease; organ failure;		
KW atherosclerosis; cardiac injury; infertility; birth defect;		
KW premature aging; AIDS; cancer; diabetic complication; chromosome mapping;		
KW gene mapping; pharmaceutical; diagnostic; biosensor; bioreactor;		
XX tissue typing.		
OS Homo sapiens.		
XX US2002192706-A1.		
PD 19-DEC-2002.		

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XX 24-OCT-2001; 2001US-00999832.
XX 17-OCT-1997; 97US-0062250P.
PR 03-NOV-1997; 97US-0064249P.
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PR 22-APR-1998; 98US-0082700P.
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PR 07-OCT-1998; 98WO-US021141.
PR 20-NOV-1998; 98WO-US024855.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US0005028.
PR 10-MAR-1999; 99WO-US0005190.
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PR 02-JUN-1999; 99WO-US012252.
PR 30-JUN-1999; 99WO-US028313.
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PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
XX (GETH ) GENENTECH INC.
PA Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
XX Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
PI Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
PI Stewart TA, Tumas D, Williams PM, Wood WI;
XX WPI; 2003-328860/31.
DR N-PSDB; ACA63657.
XX
XX New secreted and transmembrane nucleic acids and polypeptides, designated
PT as PRO, useful for treating inflammation, organ failure, atherosclerosis,
PT cardiac injury, infertility, birth defects, premature aging, AIDS, or
PT cancer.
XX Claim 12; Fig 87; 453pp; English.
XX The invention describes an isolated nucleic acid (I) comprising, or which
CC is at least 80 % sequence identity to, or the full-length coding sequence
CC of, any of 118 300-2100 nucleotide sequences, which encodes its
CC corresponding PRO polypeptide selected from 118 100-700 amino acid
CC sequences, all given in the specification. The nucleic acids and
CC polypeptides are useful for treating inflammatory diseases, organ
CC failure, atherosclerosis, cardiac injury, infertility, birth defects,
CC premature aging, AIDS, cancer, or diabetic complications. The nucleic
CC acids are useful as hybridisation probes, in chromosome and gene mapping,
CC and in generating antisense RNA or DNA. The polypeptides are useful as
CC pharmaceuticals, diagnostics, biosensors or bioreactors. Both are useful
CC in tissue typing. This is the amino acid sequence of a novel human
CC secreted and transmembrane PRO polypeptide
XX
SQ Sequence 331 AA;
Query Match 100.0%; Score 1760; DB 6; Length 331;
Best Local Similarity 100.0%; Pred. No. 1.4e-160;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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RESULT 10
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 XX DT 12-AUG-2003 (first entry)
 XX DE Human secreted and transmembrane polypeptide PRO866.
 XX KW Human; thrombolytic agent; interferon; interleukin; cytokine;
 KW erythropoietin; colony stimulating factor; cancer; colorectal carcinoma;
 KW apoptosis related condition; AIDS; amyotrophic lateral sclerosis;
 KW inflammatory disease; asthma; atherosclerosis; neurodegenerative disease;
 KW gastrointestinal disorder; Alzheimer's disease; Parkinson's disease;
 KW hypertension; myocardial ischaemia; kidney disease; carcinogenesis;
 KW glomerulonephritis; lung disease; pulmonary hypertension; preeclampsia;
 KW bronchial asthma; gastric ulcer; renal failure; cardiovascular disease;
 KW inflammatory bowel disease; reproductive disorder; premature labour.
 XX OS Homo sapiens.
 XX PN US2002177553-A1.
 XX PD 28-NOV-2002.
 XX PF 15-OCT-2001; 2001US-00978192.
 XX PR 17-OCT-1997; 97US-0062250P.
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 PR 21-NOV-1997; 97US-0063645P.
 PR 10-MAR-1998; 98US-0077450P.
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10-MAR-1999; 99WO-US005190.
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 28-FEB-2001; 2001WO-US006520.
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 01-JUN-2001; 2001WO-US017800.
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 20-JUN-2001; 2001WO-US019692.
 29-JUN-2001; 2001WO-US021066.
 09-JUL-2001; 2001WO-US021735.
 30-JUL-2001; 2001US-00918585.
 XX (GETH) GENENTECH INC.
 PA Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
 PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
 PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
 PI Kijavini IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
 PI Stewart TA, Tumas D, Williams PM, Wood WJ;
 XX WPI; 2003-328499/31.
 DR N-PSDB; ACA71821.
 XX New isolated PRO polypeptides e.g. PRO213, PRO274 and PRO300, for use as
 PT pharmaceuticals, diagnostics, biosensors and bioreactors, for identifying
 PT modulators of receptor-ligand interactions.
 XX Claim 12; SEQ ID NO 236; 55pp; English.
 PS The invention relates to an isolated secreted and transmembrane
 CC polypeptide, designated as PRO polypeptide. The PRO polypeptide is useful
 CC in PRO polypeptide detection methods. The PRO polypeptide is useful for

CC linking a bioactive molecule to a cell. The PRO polypeptide or an
 CC antibody against it is useful for modulating a biological activity of a
 CC cell. The PRO polypeptide is useful in industrial applications including
 CC pharmaceuticals, diagnostics, biosensors and bioreactors. The PRO
 CC polypeptide is also useful as a thrombolytic agent, interferon,
 CC interleukin, erythropoietin, colony stimulating factor and other
 CC cytokines. The PRO polypeptide is useful for treating disease such as
 CC cancer e.g. colorectal carcinoma; apoptosis related conditions e.g. AIDS,
 CC amyotrophic lateral sclerosis; inflammatory disease e.g. asthma,
 CC atherosclerosis; neurodegenerative disease e.g. Alzheimer's disease,
 CC Parkinson's disease; cardiovascular disease e.g. hypertension and
 CC myocardial ischaemia; kidney disease e.g. renal failure and
 CC glomerulonephritis; lung disease e.g. pulmonary hypertension, bronchial
 CC asthma; gastrointestinal disorders e.g. gastric ulcer and inflammatory
 CC bowel disease; reproductive disorders e.g. premature labour and
 CC pre-eclampsia; carcinogenesis. The present sequence represents the amino
 CC acid sequence of a PRO polypeptide of the invention. Note: The sequence
 CC data for this patent did not form part of the printed specification but
 CC was obtained in electronic format directly from USPTO at
 CC seqdata.uspto.gov/sequence.html?DocID=20020177553
 XX
 SQ Sequence 331 AA;

Query Match 100.0%; Score 1760; DB 6; Length 331;
 Best Local Similarity 100.0%; Pred No. 1,4e-160;
 Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MENPSAALGKALCALLATLGAAGQPLGGESIC SARAPAKYSITFTGKWSQTAPPKQY 60
 DB |||||||
 QY 1 MENPSAALGKALCALLATLGAAGQPLGGESIC SARAPAKYSITFTGKWSQTAPPKQY 60
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QY 61 PLFRPPAQWSSLLGAHSSDYSWRNQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120
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QY 61 PLFRPPAQWSSLLGAHSSDYSWRNQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120
 DB |||||||

QY 121 HEVFSAPVPSGTGTSASLEVQRHSLVSFVRIVPSDFWVGVDLSLDCGDRWREQA 180
 DB |||||||

QY 121 HEVFSAPVPSGTGTSASLEVQRHSLVSFVRIVPSDFWVGVDLSLDCGDRWREQA 180
 DB |||||||

QY 181 ALDLYPYDAGTSGTFFSPNFATIPQDTVTETITSSSPSHPANSFYPRKALPPIARTV 240
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QY 181 ALDLYPYDAGTSGTFFSPNFATIPQDTVTETITSSSPSHPANSFYPRKALPPIARTV 240
 DB |||||||

QY 241 LLRLRSPRAFIPPAVLPSRNEIVDSASVPETPLDCEVSLWSSGLCGHCGRLGTGS 300
 DB |||||||

QY 241 LLRLRSPRAFIPPAVLPSRNEIVDSASVPETPLDCEVSLWSSGLCGHCGRLGTGS 300
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QY 301 RTRYVRVQPNNGSPCPPELEEEAECPDNCV 331
 DB |||||||

QY 301 RTRYVRVQPNNGSPCPPELEEEAECPDNCV 331
 DB |||||||

RESULT 11
 ABU61107
 ID ABU61107 standard; protein; 331 AA.
 XX
 AC ABU61107;
 XX
 DT 08-MAY-2003 (first entry)
 XX
 DE Human PRO866 polypeptide.
 XX
 KW Human; PRO polypeptide; secreted and transmembrane protein;
 KW immune disorder; diabetes; hyper-insulinaemia; hypo-insulinaemia;
 KW cardiac insufficiency; nervous system disorder; kidney disorder;
 KW bone disorder; cartilage disorder; arthritis; tumour; wound healing;
 KW Genetic disorder; cytostatic; antidiabetic; antiinflammatory;
 KW antiarthritic; anti-tumour; vulnery; antianaemic; dermatological;
 KW cardiant.
 XX
 OS Homo sapiens.
 XX
 PN US2002169284-A1.

XX 14-NOV-2002.
 PD
 XX 16-OCT-2001; 2001US-00978697.
 XX
 XX 26-MAY-1981; 81US-00262713.
 PR 17-OCT-1997; 97US-0062250P.
 PR 03-NOV-1997; 97US-0064249P.
 PR 13-NOV-1997; 97US-0065311P.
 PR 21-NOV-1997; 97US-0066364P.
 PR 11-MAR-1998; 98US-0077450P.
 PR 11-MAR-1998; 98US-0077632P.
 PR 11-MAR-1998; 98US-0077641P.
 PR 11-MAR-1998; 98US-0077649P.
 PR 12-MAR-1998; 98US-0077791P.
 PR 13-MAR-1998; 98US-0078004P.
 PR 17-MAR-1998; 98US-00040220.
 PR 20-MAR-1998; 98US-0078866P.
 PR 20-MAR-1998; 98US-0078910P.
 PR 20-MAR-1998; 98US-0078936P.
 PR 20-MAR-1998; 98US-0078939P.
 PR 25-MAR-1998; 98US-0079294P.
 PR 26-MAR-1998; 98US-0079656P.
 PR 27-MAR-1998; 98US-0079663P.
 PR 27-MAR-1998; 98US-0079664P.
 PR 27-MAR-1998; 98US-0079689P.
 PR 27-MAR-1998; 98US-0079728P.
 PR 30-MAR-1998; 98US-0079786P.
 PR 30-MAR-1998; 98US-0079920P.
 PR 30-MAR-1998; 98US-0079923P.
 PR 26-JUN-1998; 98US-00105413.
 PR 07-OCT-1998; 98US-00168978.
 PR 07-OCT-1998; 98US-0021141.
 PR 02-NOV-1998; 98US-00184216.
 PR 06-NOV-1998; 98US-00187368.
 PR 20-NOV-1998; 98US-0024855.
 PR 07-DEC-1998; 98US-00202054.
 PR 22-DEC-1998; 98US-00218517.
 PR 05-JAN-1999; 99US-00000106.
 PR 08-MAR-1999; 99US-00254465.
 PR 10-MAR-1999; 99US-00265686.
 PR 10-MAR-1999; 99US-00265686.
 PR 12-APR-1999; 99US-00284291.
 PR 14-MAY-1999; 99US-00311832.
 PR 14-MAY-1999; 99US-00311832.
 PR 02-JUN-1999; 99US-00380137.
 PR 25-AUG-1999; 99US-00380137.
 PR 25-AUG-1999; 99US-00380138.
 PR 30-NOV-1999; 99US-00380142.
 PR 02-DEC-1999; 99US-00380142.
 PR 02-DEC-1999; 99US-00380142.
 PR 16-DEC-1999; 99US-00380142.
 PR 30-DEC-1999; 99US-00380142.
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 PR 06-JAN-2000; 2000US-0000219.
 PR 06-JAN-2000; 2000US-0000219.
 PR 11-FEB-2000; 2000US-0000376.
 PR 18-FEB-2000; 2000US-0000376.
 PR 24-FEB-2000; 2000US-0000376.
 PR 02-MAR-2000; 2000US-0005841.
 PR 11-MAR-2000; 2000US-0006319.
 PR 21-MAR-2000; 2000US-0007532.
 PR 30-MAR-2000; 2000US-0008439.
 PR 17-MAY-2000; 2000US-0013705.
 PR 22-MAY-2000; 2000US-0014042.
 PR 30-MAY-2000; 2000US-0014941.
 PR 02-JUN-2000; 2000US-0015264.
 PR 28-JUL-2000; 2000US-0020710.
 PR 24-AUG-2000; 2000US-0023328.
 PR 08-NOV-2000; 2000US-00709238.

PR 27-NOV-2000; 2000US-00723749.
 PR 01-DEC-2000; 2000WO-US0342758.
 PR 20-DEC-2000; 2000US-00747259.
 PR 20-DEC-2000; 2000WO-US034956.
 PR 28-FEB-2001; 2001WO-US006520.
 PR 22-MAR-2001; 2001US-00816744.
 PR 22-MAR-2001; 2001WO-00816920.
 PR 22-MAR-2001; 2001WO-US009552.
 PR 10-MAY-2001; 2001US-00854208.
 PR 10-MAY-2001; 2001US-00854280.
 PR 25-MAY-2001; 2001WO-US017092.
 PR 01-JUN-2001; 2001US-00872035.
 PR 01-JUN-2001; 2001WO-US017800.
 PR 05-JUN-2001; 2001US-00874503.
 PR 14-JUN-2001; 2001US-00882636.
 PR 19-JUN-2001; 2001US-00886342.
 PR 20-JUN-2001; 2001WO-US019692.
 PR 29-JUN-2001; 2001WO-US021066.
 PR 09-JUL-2001; 2001WO-US021735.
 PR 30-JUL-2001; 2001US-00918585.
 XX (GETH) GENENTECH INC.
 XX
 PI Ashkenazi A, Baker KP, Botstein D, Desnoyers L, Eaton D;
 PI Ferrara N, Flivaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
 PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
 PI Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
 PI Stewart TA, Tumas D, Williams PM, Wood WI;
 XX WPI; 2003-288163/28.
 DR N-PSDB; ABX92461.
 DR
 XX Novel secreted and transmembrane polypeptides and polynucleotides
 PT encoding them useful for treating cancer, kidney diseases, bone,
 PT cartilage disorders and immune deficiencies.
 PT
 XX Claim 12; Fig 87; 459pp; English.
 XX
 CC The present invention relates to the isolation of novel human PRO
 CC polypeptides, and the polynucleotide sequences encoding them. The PRO
 CC polypeptides are secreted and transmembrane proteins. The PRO
 CC polypeptides are useful for detecting other PRO polypeptides, for linking
 CC bioactive molecules to cells expressing PRO polypeptides, for modulating
 CC biological activities of cells expressing PRO polypeptides, and for
 CC identifying agonists or antagonists. The bioactive molecule maybe a
 CC toxin, radiolabel or antibody, and causes apoptosis or death of the cell.
 CC The PRO polypeptides are useful for treating immune disorders, diabetes
 CC or hyper- or hypo-insulinaemia, cardiac insufficiency, nervous system
 CC disorders, kidney disorders, bone and cartilage disorders or arthritis,
 CC tumours, and wound healing. The polynucleotide sequences encoding PRO
 CC polypeptides are useful as hybridisation probes, in chromosome and gene
 CC mapping, in the generation of antisense RNA and DNA, in the preparation
 CC of PRO polypeptides, for generating transgenic animals or knockout
 CC animals, for the genetic analysis of individuals with genetic disorders,
 CC and in gene therapy. ABU61071-ABU61164 represent the human PRO
 CC polypeptides of the invention. Note: The sequence data for this patent
 CC was obtained in electronic format directly from the USPTO web site at
 CC seqdata.uspto.gov/psipdsIDEntry.html
 XX
 SQ Sequence 331 AA;
 Query Match 100.0%; Score 1760; DB 6; Length 331;
 Best Local Similarity 100.0%; Pred. No. 1.4e-160;
 Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 MENPSPAALGKALCALLATLGAAGQPLGGSGISARAPAKYSITFTCKWSQTAPPKQY 60
 DB |||||||
 QY 1 MENPSPAALGKALCALLATLGAAGQPLGGSGISARAPAKYSITFTCKWSQTAPPKQY 60
 DB |||||||
 QY 61 PLFRPPAOWSSLLGAHSSDYSNWRKNQVNSGLRDFRGEAENWALMKEIEAAGEALQSV 120
 DB |||||||
 QY 61 PLFRPPAOWSSLLGAHSSDYSNWRKNQVNSGLRDFRGEAENWALMKEIEAAGEALQSV 120
 DB |||||||

QY 121 HEVFSAPVPSGTGTSAELEVQRHSLVSVFVRIVPSPDFVGVDSLDLDCGDRWREQA 180
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 QY 121 HEVFSAPVPSGTGTSAELEVQRHSLVSVFVRIVPSPDFVGVDSLDLDCGDRWREQA 180
 DB |||||||
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 QY 181 ALDLYPYDAGTDSGTFSSPNFATIPQDTVTETITSSSPSHPANSFYPRKALPPIARVT 240
 DB |||||||
 QY 241 LLRLRQSPRAFPAPVLPSPRNEIVDSASVPTETPLDCEVSLWSSWGLCGHCGRLGTSK 300
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 QY 301 RTRYVRVQPNANGSPCPPELEEAECVPDNCV 331
 DB |||||||
 QY 301 RTRYVRVQPNANGSPCPPELEEAECVPDNCV 331
 DB |||||||
 RESULT 12
 ABU80376
 ID ABU80376 standard; protein; 331 AA.
 XX AC ABU80376;
 XX DT 24-JUN-2003 (first entry)
 XX DE Human secreted/transmembrane protein PRO866.
 XX KW Human; secreted protein; transmembrane protein; PRO; malignancy; cancer;
 KW ovarian cancer; colorectal cancer; sarcoma; leukaemia; lymphoma;
 KW inflammatory disease; necrosis; atherosclerosis; infertility;
 KW premature aging; psoriasis; inflammatory disease; renal disease;
 KW arthritis; immune-mediated alopecia; stroke; encephalitis; hepatitis;
 KW multiple sclerosis; gene therapy.
 XX OS Homo sapiens.
 XX PN US2003004102-A1.
 XX PD 02-JAN-2003.
 XX PF 15-OCT-2001; 2001US-00978189.
 XX PR 17-OCT-1997; 97US-0062250P.
 PR 03-NOV-1997; 97US-0064249P.
 PR 13-NOV-1997; 97US-0065311P.
 PR 21-NOV-1997; 97US-0066364P.
 PR 10-MAR-1998; 98US-0077450P.
 PR 11-MAR-1998; 98US-0077632P.
 PR 11-MAR-1998; 98US-0077641P.
 PR 11-MAR-1998; 98US-0077649P.
 PR 12-MAR-1998; 98US-0077791P.
 PR 13-MAR-1998; 98US-0078004P.
 PR 17-MAR-1998; 98US-00040220.
 PR 20-MAR-1998; 98US-0078886P.
 PR 20-MAR-1998; 98US-0078910P.
 PR 20-MAR-1998; 98US-0078936P.
 PR 20-MAR-1998; 98US-0078939P.
 PR 25-MAR-1998; 98US-0079294P.
 PR 26-MAR-1998; 98US-0079656P.
 PR 27-MAR-1998; 98US-0079663P.
 PR 27-MAR-1998; 98US-0079664P.
 PR 27-MAR-1998; 98US-0079689P.
 PR 27-MAR-1998; 98US-0079728P.
 PR 27-MAR-1998; 98US-0079786P.
 PR 30-MAR-1998; 98US-0079920P.
 PR 30-MAR-1998; 98US-0079923P.
 PR 26-JUN-1998; 98US-00105413.
 PR 07-OCT-1998; 98US-00168978.
 PR 02-OCT-1998; 98WO-US021141.
 PR 02-NOV-1998; 98US-00184216.
 PR 06-NOV-1998; 98US-00187368.
 PR 20-NOV-1998; 98WO-US024855.
 PR 07-DEC-1998; 98US-00202054.

XX 13-MAY-2003 (first entry)
XX Human antigenic target polypeptide TAT171.
XX
KW Human; antigenic target polypeptide; TAT171; cancer; tumour;
KW prostate cancer; breast cancer; ovarian cancer; stomach cancer;
KW endometrial cancer; lung cancer; kidney cancer; colon cancer;
KW bladder cancer.
OS Homo sapiens.
FH
FH Key Location/Qualifiers
FT Peptide 1..16
FT /label= Signal_peptide
FT Modified-site 26..31
FT /note= "N-myristoylation site"
FT Protein 27..331
FT /label= Mature_TAT171
FT Modified-site 74..79
FT /note= "N-myristoylation site"
FT Modified-site 131..134
FT /note= "Glycosaminoglycan attachment site"
FT Modified-site 132..137
FT /note= "N-myristoylation site"
FT Modified-site 134..139
FT /note= "N-myristoylation site"
FT Modified-site 144..147
FT /note= "cAMP- and cGMP-dependent protein kinase phosphorylation site"
FT Modified-site 190..195
FT /note= "N-myristoylation site"
FT Modified-site 287..292
FT /note= "N-myristoylation site"
FT Modified-site 290..295
FT /note= "N-myristoylation site"
XX
XX US2002161199-A1.
XX
XX 31-OCT-2002.
XX
XX 23-AUG-2001; 2001US-00938418.
XX
XX 08-APR-1998; 98US-0081071P.
XX 15-MAY-1998; 98US-0085697P.
XX 18-AUG-1998; 98US-0097022P.
XX 24-SEP-1998; 98US-0101922P.
XX 08-OCT-1998; 98US-0103679P.
XX 08-MAR-1999; 99WO-US005028.
XX 02-JUN-1999; 99WO-US012252.
XX 01-SEP-1999; 99WO-US020111.
XX 02-DEC-1999; 99WO-US028565.
XX 18-FEB-2000; 2000WO-US004341.
XX 18-FEB-2000; 2000WO-US004342.
XX 02-MAR-2000; 2000WO-US005841.
XX 30-MAR-2000; 2000WO-US008439.
XX 22-MAY-2000; 2000WO-US014042.
XX 24-AUG-2000; 2000WO-US023328.
XX 01-DEC-2000; 2000WO-US032678.
XX 28-FEB-2001; 2001WO-US006520.
XX 01-JUN-2001; 2001WO-US017800.
XX 20-JUN-2001; 2001WO-US019692.
XX 29-JUN-2001; 2001WO-US021066.
XX 09-JUL-2001; 2001WO-US021735.
XX (GETH) GENENTECH INC.
XX Ashkenazi A, Goddard A, Godowski PJ, Gurney A, Polakis P;
PI Williams PM, Wood WI, Wu TD, Zhang Z;
XX WPI; 2003-288123/28.
DR N-PSDB; ABX12412.
XX

PT New antibodies specific for a tumor-associated antigenic target (TAT)
PT polypeptide, useful for killing cancer cells, or treating cancers or
PT tumors in a mammal, as well as for diagnosing the presence of a tumor in
XX a mammal.
PS Claim 1; Fig 8; 85pp; English.
XX The invention describes an isolated antibody, which binds to a tumour-
CC associated antigenic target (TAT) polypeptide. The antibody binds to a
CC polypeptide having at least 80 % identity to a 85, 243, 331, 747 or 206
CC amino acid sequence, (designated P1-P5, respectively) given in the
CC specification, or to a sequence of its extracellular domain (with or
CC lacking its associated signal peptide). The antibody is useful for
CC killing cancer cells that express the TAT polypeptide. In particular, the
CC antibody is useful for treating cancers or tumours (e.g. cancer or tumour
CC of the prostate, breast, ovarian, stomach, endometrial, lung, kidney,
CC colon, bladder) in a mammal, e.g. dogs, cats, cattle, horses, sheep,
CC pigs, goats, rabbits, or preferably humans. The antibody is also useful
CC for determining the presence of the TAT polypeptide in a sample, and for
CC diagnosing the presence of a tumour in a mammal. This is the amino acid
CC sequence of human antigenic target polypeptide TAT171
XX
XX Sequence 331 AA;
SQ
Query Match 100.0%; Score 1760; DB 6; Length 331;
Best Local Similarity 100.0%; Pred. No. 1.4e-160;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MENPSAAALGKALCALLLTLGAAGQPLGGESICSAAPAKYSITFTGKNSQTAPPKQY 60
DB 1 MENPSAAALGKALCALLLTLGAAGQPLGGESICSAAPAKYSITFTGKNSQTAPPKQY 60
QY 61 PLFRPPAQWSSLLGAHSDYSMWRKNOYVSNGLRDFAEERGEAWALMKEIEAAGEALQSV 120
DB 61 PLFRPPAQWSSLLGAHSDYSMWRKNOYVSNGLRDFAEERGEAWALMKEIEAAGEALQSV 120
QY 121 HEVFSAPAVPSGTGQTSAELEVQRHSLVSFVVRIVPSPDFVGVDSLDLDCDGRWREQA 180
DB 121 HEVFSAPAVPSGTGQTSAELEVQRHSLVSFVVRIVPSPDFVGVDSLDLDCDGRWREQA 180
QY 181 ALDLYPYDAGTDSGFTFSSPNFATIPQDTVTETITSSSPSHPANSFYPRLKALPIARTV 240
DB 181 ALDLYPYDAGTDSGFTFSSPNFATIPQDTVTETITSSSPSHPANSFYPRLKALPIARTV 240
QY 241 LLRLQSPRAFIPPPAPVLPSPRDNEIVDSASVDPETPLDCEVSLWSSWGLCGHCGRLGTSK 300
DB 241 LLRLQSPRAFIPPPAPVLPSPRDNEIVDSASVDPETPLDCEVSLWSSWGLCGHCGRLGTSK 300
QY 301 RTTRYVRVQPANNGSPCPELEEAECVPDNCV 331
DB 301 RTTRYVRVQPANNGSPCPELEEAECVPDNCV 331
RESULT 14
ADA24775
ID ADA24775 standard; protein; 331 AA.
XX
XX ADA24775;
AC
XX 20-NOV-2003 (first entry)
DT
DE Novel human secreted and transmembrane protein PRO866.
KW Human; secreted and transmembrane protein; PRO; tissue typing;
KW chromosome identification; vaccine; cancer; retinal disorder;
KW sports-related joint disorder; osteoarthritis; rheumatoid arthritis;
KW wound healing; obesity; diabetes; hearing loss;
KW cardiac insufficiency disorder; kidney disorder; nervous system disorder;
KW haemoglobin associated disorder.
XX
XX Homo sapiens.
XX
XX US2003050241-A1.

XX 13-MAR-2003. 97US-0062250P. 97US-0084639P.
PD 03-NOV-1997; 97US-0064249P. 98US-0084640P.
XX 16-OCT-2001; 2001US-00978564. 98US-0084643P.
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XX 03-NOV-1997; 97US-0066364P. 98US-0085338P.
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PR 25-MAR-1998; 98US-0079294P. 98US-0086430P.
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PR 08-APR-1998; 98US-0081049P. 98US-0113296P.
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PR 05-MAY-1998; 98US-0084366P. 98US-0113296P.
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PR 22-MAY-1998; 98US-0086414P. 98US-0113296P.
PR 22-MAY-1998; 98US-0086430P. 98US-0113296P.
PR 22-MAY-1998; 98US-0086486P. 98US-0113296P.
PR 28-MAY-1998; 98US-0087098P. 98US-0113296P.
PR 28-MAY-1998; 98US-0087106P. 98US-0113296P.
PR 28-MAY-1998; 98US-0087208P. 98US-0113296P.
PR 26-JUN-1998; 98US-0090863P. 98US-0113296P.
PR 01-JUL-1998; 98US-0091359P. 98US-0113296P.
PR 30-JUL-1998; 98US-0094651P. 98US-0113296P.
PR 11-SEP-1998; 98US-0100038P. 98US-0113296P.
PR 07-OCT-1998; 98US-0109304P. 98US-0113296P.
PR 20-NOV-1998; 98US-0109304P. 98US-0113296P.
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PR 22-DEC-1998; 98US-0113296P. 98US-0113296P.
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PR 08-MAR-1999; 98US-0113296P. 98US-0113296P.
PR 10-MAR-1999; 98US-0113296P. 98US-0113296P.
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PR 28-APR-1999; 98US-0113296P. 98US-0113296P.
PR 14-MAY-1999; 98US-0113296P. 98US-0113296P.
PR 14-MAY-1999; 98US-0113296P. 98US-0113296P.
PR 16-JUN-1999; 98US-0113296P. 98US-0113296P.
PR 23-JUN-1999; 98US-0113296P. 98US-0113296P.
PR 07-JUL-1999; 98US-0113296P. 98US-0113296P.
PR 26-JUL-1999; 98US-0113296P. 98US-0113296P.
PR 28-JUL-1999; 98US-0113296P. 98US-0113296P.
PR 29-OCT-1999; 98US-0113296P. 98US-0113296P.
PR 30-NOV-1999; 98US-0113296P. 98US-0113296P.
PR 02-DEC-1999; 98US-0113296P. 98US-0113296P.
PR 02-DEC-1999; 98US-0113296P. 98US-0113296P.
PR 16-DEC-1999; 98US-0113296P. 98US-0113296P.
PR 30-DEC-1999; 98US-0113296P. 98US-0113296P.
PR 30-DEC-1999; 98US-0113296P. 98US-0113296P.
PR 05-JAN-2000; 98US-0113296P. 98US-0113296P.
PR 06-JAN-2000; 98US-0113296P. 98US-0113296P.
PR 06-JAN-2000; 98US-0113296P. 98US-0113296P.
PR 11-FEB-2000; 98US-0113296P. 98US-0113296P.
PR 18-FEB-2000; 98US-0113296P. 98US-0113296P.
PR 24-FEB-2000; 98US-0113296P. 98US-0113296P.
PR 02-MAR-2000; 98US-0113296P. 98US-0113296P.
PR 10-MAR-2000; 98US-0113296P. 98US-0113296P.
PR 21-MAR-2000; 98US-0113296P. 98US-0113296P.
PR 30-MAR-2000; 98US-0113296P. 98US-0113296P.
PR 17-MAY-2000; 98US-0113296P. 98US-0113296P.
PR 22-MAY-2000; 98US-0113296P. 98US-0113296P.
PR 30-MAY-2000; 98US-0113296P. 98US-0113296P.
PR 02-JUN-2000; 98US-0113296P. 98US-0113296P.
PR 28-JUL-2000; 98US-0113296P. 98US-0113296P.
PR 24-AUG-2000; 98US-0113296P. 98US-0113296P.
PR 01-DEC-2000; 98US-0113296P. 98US-0113296P.
PR 20-DEC-2000; 98US-0113296P. 98US-0113296P.

PR 28-FEB-2001; 2001WO-US006520.
PR 22-MAR-2001; 2001WO-US009552.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001WO-US017800.
PR 20-JUN-2001; 2001WO-US019692.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 30-JUL-2001; 2001US-00918585.
XX (GETH) GENENTECH INC.
XX
XX Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
PI Kijavini IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
PI Stewart TA, Tumas D, Williams PM, Wood WJ;
XX
XX WPI: 2003-521814/49.
DR N-PSDB; ADA24774.
XX
XX New isolated PRO polypeptides for example extracellular, secreted and
PT membrane bound proteins, useful for modulating the biological activities
PT of cells and for treating, for example diabetes, cancer, rheumatoid
PT arthritis, and hearing loss.
XX
XX Claim 12; Fig 87; 461pp; English.
XX
XX The invention describes an isolated secreted and transmembrane (PRO)
CC polypeptide (1). PRO337 polypeptide is useful for detecting PRO4993
CC polypeptide in a sample, and vice versa. PRO725, PRO700 and PRO739 are
CC useful for detecting PRO1559 polypeptide in a sample, and PRO1559 is
CC useful for detecting PRO725, PRO700 and PRO739 in a sample. PRO4993 is
CC useful for linking a bioactive molecule to a cell expressing a PRO337
CC polypeptide, and PRO337 is useful for linking a bioactive molecule to a
CC cell expressing a PRO4993 polypeptide. PRO1559 is useful for linking a
CC bioactive molecule to a cell expressing a PRO735, PRO700 and PRO739

Query Match 100.0%; Score 1760; DB 6; Length 331;
Best Local Similarity 100.0%; Pred. No. 1.4e-160;
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RESULT 15
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ID ABO19678 standard; protein; 331 AA.
XX ABO19678;
AC ABO19678;
XX
DT 08-SEP-2003 (first entry)

XX Novel human secreted and transmembrane protein PRO866.
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XX Human; secreted and transmembrane protein; PRO; cell death; neuropathy;
KW peripheral neuropathy; diabetic peripheral neuropathy;
KW AIDS-associated neuropathy; Charcot-Marie-Tooth disease;
KW Refsum's disease; Abetalipoproteinaemia; Tangier disease;
KW Krabbe's disease; Metachromatic leukodystrophy; Fabry's disease;
KW Dejerine-Sottas syndrome; chromosome mapping; gene mapping; gene therapy.
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XX Homo sapiens.
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XX US2003050240-A1.
XX 13-MAR-2003.
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XX 16-OCT-2001; 2001US-00978403.
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PR 13-NOV-1997; 97US-0065311P.
PR 21-NOV-1997; 97US-0066364P.
PR 10-MAR-1998; 98US-0077450P.
PR 11-MAR-1998; 98US-0077632P.
PR 11-MAR-1998; 98US-0077641P.
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PR 12-MAR-1998; 98US-0077791P.
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PR 20-MAR-1998; 98US-0078866P.
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PR 27-MAR-1998; 98US-0079656P.
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PR 27-MAR-1998; 98US-0079683P.
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PR 27-MAR-1998; 98US-0079786P.
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PR 31-MAR-1998; 98US-0080105P.
PR 31-MAR-1998; 98US-0080107P.
PR 31-MAR-1998; 98US-0080165P.
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PR 01-APR-1998; 98US-0080333P.
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PR 08-APR-1998; 98US-0081070P.
PR 08-APR-1998; 98US-0081071P.
PR 09-APR-1998; 98US-0081195P.
PR 09-APR-1998; 98US-0081203P.
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PR 28-MAY-1998; 98US-0087098P.
PR 28-MAY-1998; 98US-0087106P.
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PR 26-JUN-1998; 98US-0090863P.
PR 26-JUN-1998; 98US-0091010P.
PR 01-JUL-1998; 98US-0091359P.
PR 30-JUL-1998; 98US-0094651P.
PR 11-SEP-1998; 98US-0100038P.
PR 07-OCT-1998; 98WO-US021141.
PR 20-NOV-1998; 98US-0109304P.
PR 20-NOV-1998; 98WO-US024855.
PR 22-DEC-1998; 98US-0113296P.
PR 22-DEC-1998; 98US-0113621P.
PR 05-JAN-1999; 99WO-US000106.
PR 05-JAN-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 12-MAR-1999; 99US-0123957P.
PR 29-MAR-1999; 99US-0126773P.
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PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 16-JUN-1999; 99US-0139557P.
PR 23-JUN-1999; 99US-0141037P.
PR 07-JUL-1999; 99US-0142680P.
PR 27-JUL-1999; 99US-0145698P.
PR 28-JUL-1999; 99US-0146222P.
PR 29-OCT-1999; 99US-0162506P.
PR 30-NOV-1999; 99WO-US028313.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US0003565.
PR 18-FEB-2000; 2000WO-US0004341.

PR 24-FEB-2000; 2000WO-US005004.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 24-AUG-2000; 2000WO-US023328.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001WO-US006520.
PR 22-MAR-2001; 2001WO-US009552.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001WO-US017800.
PR 20-JUN-2001; 2001WO-US019692.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 30-JUL-2001; 2001US-00918585.
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PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
PI Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
PI Stewart TA, Tumas D, Williams PM, Wood WL;
XX
DR WPI: 2003-503575/47.
DR N-PSDB; ACD29803.
XX
PT Novel secreted and transmembrane polypeptide for modulating biological
PT activity of cell expressing the polypeptide, identifying agonists or
PT antagonists of polypeptide, and as molecular weight markers.
XX
PS Claim 12; Fig 87; 459pp; English.
XX
CC The invention describes an isolated, secreted and transmembrane
CC polypeptide, termed PRO polypeptide (I). (I) is useful for detecting
CC PRO493, PRO337, PRO1559, PRO725, PRO700 or PRO739 polypeptide, and for
CC linking a bioactive molecule to a cell expressing the above polypeptides.
CC The bioactive molecule is a toxin, radiolabel or an antibody and causes
CC cell death. (I) is useful as therapeutic agent, in medical and industrial
CC applications e.g. for treating neuropathy, especially peripheral
CC neuropathy, diabetic peripheral neuropathy, AIDS-associated neuropathy,
CC Charcot-Marie-Tooth disease, Refsum's disease, Abetalipoproteinemia,
CC Tangier disease, Krabbe's disease, Metachromatic leukodystrophy, Fabry's
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PR 22-APR-1998; 98US-0082700P.
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PR 30-APR-1998; 98US-0083742P.
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PR 28-MAY-1998; 98US-0087098P.
PR 28-MAY-1998; 98US-0087106P.
PR 28-MAY-1998; 98US-0087208P.
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PR 26-JUN-1998; 98US-0091010P.
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PR 30-JUL-1998; 98US-0094651P.
PR 11-SEP-1998; 98US-0100038P.
PR 07-OCT-1998; 98US-00168978.
PR 07-OCT-1998; 98WO-US021141.
PR 02-NOV-1998; 98US-00184216.
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PR 20-NOV-1998; 98US-0109304P.
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PR 07-DEC-1998; 98US-00202054.
PR 22-DEC-1998; 98US-00218517.
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PR 05-JAN-1999; 99WO-US000106.
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PR 08-MAR-1999; 99WO-US005028.
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ADAL2436
ID ADA12436 standard; protein; 331 AA.
AC ADA12436;
XX
DT 06-NOV-2003 (first entry)
XX
DE Human secreted/transmembrane polypeptide PRO866.
KW inflammatory disease; organ failure; atherosclerosis; cardiac injury;
KW infertility; birth defect; premature aging; AIDS; cancer;
KW diabetic complication; tissue typing; human.
XX
OS Homo sapiens.
XX
PN US2003055216-A1.
XX
PD 20-MAR-2003.
XX
PF 17-OCT-2001; 2001US-00978824.
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DB 61	PLFRPPAQWSSLLGAAHSSDYSMWRKNQYVSNGLRDFAEERGEAWALMKEIEAAGEALQSV 120	
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DB 121	HEVFSAPAVPSGTGTSAELEVORHSLVSFVVRVPSDPWFVGVDSLDLCGDRWREGA 180	
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DB 181	ALDLYPYDAGTDSGTFSSPNFATIPQDTVTITSSPSHPANSFYPRLKALPPIARTV 240	
QY 241	LRLRQSPRAFIPPAVLPSRDNIEVDSASVPETPLDCEVLSWSSWGLCGHCGRLGTSK 300	
DB 241	LRLRQSPRAFIPPAVLPSRDNIEVDSASVPETPLDCEVLSWSSWGLCGHCGRLGTSK 300	
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AC	ADB76458;	
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DT	04-DEC-2003 (first entry)	
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DE	Human PRO polypeptide #37.	
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KW	Human; PRO polypeptide; secreted protein; transmembrane protein;	
KW	cell death; neuropathy; neuropathy related disease;	
KW	Charcot-Marie-Tooth disorder; Refsum's disease; Krabbe's disease;	
KW	Chromosome mapping; gene mapping; genetic disorder; septic shock;	
XX	antibacterial; immunosuppressive; neuroprotective.	
OS	Homo sapiens.	
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PN	US2003083248-A1.	
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PD	01-MAY-2003.	
XX		
PF	16-OCT-2001; 2001US-00978757.	
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XX Ashkenazi AJ, Baker KP, Botstein D, Desnovers L, Eaton DL;
PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
PI Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
PI Stewart TA, Tumas D, Williams PM, Wood WI;
XX WPI; 2003-755118/71.
DR N-PSDB; ADB76457.
XX
XX New PRO polypeptides useful for treating peripheral neuropathy,
PT neuropathies associated with systemic disease such as post-polio syndrome
PT or AIDS-associated syndrome.
XX
XX Claim 12; Fig 87; 425pp; English.
XX
XX The present invention relates to the isolation of novel human PRO
CC polypeptides, and the polynucleotide sequences encoding them. The PRO
CC polypeptides are secreted and transmembrane proteins. The PRO
CC polypeptides are useful for detecting other PRO polypeptides, for linking
CC bioactive molecules to cells expressing PRO polypeptides, for modulating
CC biological activities of cells expressing PRO polypeptides, and for
CC identifying agonists or antagonists. The bioactive molecule maybe a
CC toxin, radiolabel or antibody, and cause cell death. the PRO polypeptides
CC are useful for treating neuropathy and neuropathy related diseases such
CC as Charcot-Marie-Tooth disorder, Refsum's disease, and Krabbe's disease.
CC The polynucleotide sequences encoding PRO polypeptides are useful as
CC hybridisation probes, in chromosome and gene mapping, in the generation
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Query Match 100.0%; Score 1760; DB 7; Length 331;
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QY 181 ALDLYPYDAGTSGFTFSSPNFATIPQDVTITSSPSHPANSFYYPKLKALPPIARTV 240
Db 181 ALDLYPYDAGTSGFTFSSPNFATIPQDVTITSSPSHPANSFYYPKLKALPPIARTV 240

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Db 241 LLRLRQSPRAFIPAPVLPSPRDNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTS 300

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RESULT 20
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XX ADC43884;
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XX 18-DEC-2003 (first entry)
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KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulneryary;
KW auditory; tumour growth; retinal disorder; sports-related joint problem;
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
KW wound healing; hearing loss.

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XX Homo sapiens.
OS
XX US2003054986-A1.
PN
XX 20-MAR-2003.
PD
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XX 16-OCT-2001; 2001US-00981915.
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XX 05-MAY-1998; 98US-0084366P.
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KW	articular cartilage defects; osteoarthritis; rheumatoid arthritis;	PR	07-MAY-1998;	98US-0084598P.
KW	wound healing; hearing loss.	PR	07-MAY-1998;	98US-0084627P.
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KW	articular cartilage defects; osteoarthritis; rheumatoid arthritis;		
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Db 61 PLFRPPAQWSSLLGAHSSDYSMWRKNQYVSNGLRDFAEERGEAWALMKIEIAAGALQSV 120
QY 121 HEVESAPVSGTGTSAELEVRHSLVSFVVRIVPSPDMFVGVDSDLDLDCGDRWREQA 180
Db 121 HEVESAPVSGTGTSAELEVRHSLVSFVVRIVPSPDMFVGVDSDLDLDCGDRWREQA 180
QY 181 ALDLPYDAGTDSGTFSSPNFATIPQDVTWITSSPSHPANSFYPRKALPPIARTV 240
Db 181 ALDLPYDAGTDSGTFSSPNFATIPQDVTWITSSPSHPANSFYPRKALPPIARTV 240
QY 241 LLRLQSPRAFIPAPVLPSPRNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTGS 300
Db 241 LLRLQSPRAFIPAPVLPSPRNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTGS 300
QY 301 RTRYRVQPNANGSPCPPELEEEAECVPDNCV 331
Db 301 RTRYRVQPNANGSPCPPELEEEAECVPDNCV 331
RESULT 23
ADC66708
ID ADC66708 standard; protein; 331 AA.
XX AC ADC66708;
XX DT 18-DEC-2003 (first entry)
XX DE Human secreted/transmembrane protein, PRO866.
XX KW vulnary; virucide; neuroprotective; cytostatic; gene therapy;
KW tumour cell proliferation inhibitor;
KW secreted and transmembrane protein; PRO; viral infection; wound healing;
KW tissue growth; muscle generation; muscle regeneration;
KW amyotrophic lateral sclerosis; neuropathy; AIDS-associated neuropathy;
KW diabetic peripheral neuropathy; chromosome identification; antagonist;
KW tissue typing; immunohistochemical staining.
XX OS Homo sapiens.
XX PN US2003060406-A1.
XX PD 27-MAR-2003.
XX PF 30-JUL-2001; 2001US-00918585.
XX PR 17-OCT-1997; 97US-0062250P.
PR 03-NOV-1997; 97US-0064249P.
PR 13-NOV-1997; 97US-0065311P.
PR 21-NOV-1997; 97US-0066364P.
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PR 27-MAR-1998; 98US-0079786P.
PR 30-MAR-1998; 98US-0079920P.

PR 30-MAR-1998; 98US-0079923P.
PR 31-MAR-1998; 98US-0080105P.
PR 26-JUN-1998; 98US-00105413.
PR 07-OCT-1998; 98US-00168978.
PR 07-OCT-1998; 98WO-US021141.
PR 02-NOV-1998; 98US-00184216.
PR 06-NOV-1998; 98US-00187368.
PR 20-NOV-1998; 98WO-US024855.
PR 07-DEC-1998; 98US-00202054.
PR 22-DEC-1998; 98US-00218517.
PR 05-JAN-1999; 99WO-US000106.
PR 05-MAR-1999; 99US-00254465.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99US-00265686.
PR 10-MAR-1999; 99WO-US005190.
PR 12-MAR-1999; 99US-00267213.
PR 12-APR-1999; 99US-00284291.
PR 14-MAY-1999; 99US-00311832.
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PR 02-JUN-1999; 99WO-US012252.
PR 25-AUG-1999; 99US-00380137.
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PR 25-AUG-1999; 99US-00380139.
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PR 02-DEC-1999; 99WO-US028551.
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PR 16-DEC-1999; 99WO-US030095.
PR 30-DEC-1999; 99WO-US031243.
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PR 05-JAN-2000; 2000WO-US000219.
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PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 24-FEB-2000; 2000WO-US005004.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000US-00709238.
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PR 28-FEB-2001; 2001WO-US006520.
PR 22-MAR-2001; 2001US-00816744.
PR 22-MAR-2001; 2001US-00816920.
PR 22-MAR-2001; 2001WO-US009552.
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PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
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PR 20-JUN-2001; 2001WO-US019692.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.

(GETH) GENENTECH INC.

XX Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
XX Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ, Shelton DL;
PI Kijavini IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Stewart TA, Tumas D, Williams PM, Wood WI;
PI Stewart TA, Tumas D, Williams PM, Wood WI;


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PR 28-APR-1998; 98US-0083322P.
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PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
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PR 29-JUN-2001; 2001US-00886342.
PR 09-JUL-2001; 2001US-00886342.
PR 30-JUL-2001; 2001US-00886342.

(GETH ) GENENTECH INC.
PI Ashkenazi AJ, Baker KP, Botstein D, Deanyers L, Eaton DL;
Query Match 100.0%; Score 1760; DB 7; Length 331;
Best Local Similarity 100.0%; Pred. No. 1.4e-160;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 61 PLFRPPAQMSSLLGAHSSDYSNMRKNQYVSNGLRDFAEERGEAWALMKEIAEAGEALQSV 120
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Db 301 RTRYRVQPNANGSPCPPELEEEAECPVDCNV 331

RESULT 25
ADC62892
ID ADC62892 standard; protein; 331 AA.
XX
AC ADC62892;
DT
XX 18-DEC-2003 (first entry)
DE Human secreted/transmembrane protein, PRO866.
XX
KW Human; secreted protein; transmembrane protein; PRO; cytosstatic;
ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnerary;
auditory; tumour growth; retinal disorder; sports-related joint problem;
articular cartilage defects; osteoarthritis; rheumatoid arthritis;
wound healing; hearing loss.
XX
OS Homo sapiens.
XX
PN US2003068648-A1.
XX
PD 10-APR-2003.
XX
PF 25-OCT-2001; 2001US-00013921.
XX
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PR 01-JUL-1998; 98US-0091359P.
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PR 07-OCT-1998; 98WO-US021141.
PR 20-NOV-1998; 98US-0109304P.
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PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
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PR 18-FEB-2000; 2000WO-US004341.
PR 24-FEB-2000; 2000WO-US005004.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
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PR 30-MAR-2000; 2000WO-US008439.
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PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
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PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001WO-US006520.
PR 22-MAR-2001; 2001WO-US009552.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001WO-US017800.
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PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 30-JUL-2001; 2001US-00918585.
XX
XX (GETH ) GENENTECH INC.
XX
XX Ashkenazi AJ, Baker KP, Botstein D, Desnovers L, Eaton DL;
XX Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
XX Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ,
XX Kijavini IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
XX Stewart TA, Tumas D, Williams PM, Wood WI;
XX
XX WPI; 2003-695924/66.
XX N-PSDB; ADC62891.
XX
XX New isolated secreted and transmembrane PRO polypeptides, useful in the
XX preparation of a medicament for treating a condition responsive to the
XX polypeptide, and as therapeutic agents e.g. vaccines.
XX
XX Claim 12; SEQ ID NO 236; 467pp; English.
XX
XX The invention relates to an isolated PRO polypeptide (secreted or
XX transmembrane protein) having at least 80% amino acid sequence identity
XX to an amino acid sequence chosen from 94 fully defined sequences as given
XX in the specification (including PRO lacking its associated signal
XX peptide, a PRO extracellular domain with or without its associated signal
XX peptide). Also included are nucleic acids encoding the PRO proteins
XX mentioned above, a vector comprising a PRO nucleic acid, a host cell
XX comprising the vector and producing PRO, a chimaeric molecule comprising
XX PRO fused to a heterologous amino acid sequence, and an anti-PRO
XX antibody. PRO337 polypeptide is useful for detecting a PRO4993
XX polypeptide in a sample suspected of containing PRO4993 polypeptide.
XX Similarly, PRO4993 polypeptide is useful for detecting PRO337
XX polypeptide. PRO700 or PRO739 polypeptide is useful for detecting
XX PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting
XX PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a
XX bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive
XX molecule is the toxin, radiolabel, or an antibody. The bioactive molecule
XX
XX Query Match 100.0%; Score 1760; DB 7; Length 331;
XX Best Local Similarity 100.0%; Pred. No. 1.4e-160;
XX Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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XX 1 MENPSPAALGKALCALLLATLGAAGPLGGESICSRAPAKYSITFTGKWSQTAPPKQY 60
DB 1 MENPSPAALGKALCALLLATLGAAGPLGGESICSRAPAKYSITFTGKWSQTAPPKQY 60
QY 61 PLFRPPAQWSSLLGAHSSDYSMWRKNQYVSNGLRDFAEERGEAWALMKETEAAAGEALQSV 120
DB 61 PLFRPPAQWSSLLGAHSSDYSMWRKNQYVSNGLRDFAEERGEAWALMKETEAAAGEALQSV 120
QY 121 HEVFSAPAVPSGTGOTSAELEVORRHSLVSFVVRIVPSDFVGVDSLDLDCGDRWREQA 180
DB 121 HEVFSAPAVPSGTGOTSAELEVORRHSLVSFVVRIVPSDFVGVDSLDLDCGDRWREQA 180
QY 181 ALDLYPYDAGTDSGFTFFSPNFATIPQDVTVEITSSPSHPANSFYYPRLKALPPIARVT 240
DB 181 ALDLYPYDAGTDSGFTFFSPNFATIPQDVTVEITSSPSHPANSFYYPRLKALPPIARVT 240
QY 241 LLRLQSPRAFIPPAVLPSPRDNIEIVDSASVPEPLDCEVLSWSSWGLCGHCGRLGTTKS 300
DB 241 LLRLQSPRAFIPPAVLPSPRDNIEIVDSASVPEPLDCEVLSWSSWGLCGHCGRLGTTKS 300
QY 301 RTRYRVVQPNNGSPCPELEEEAECVPDNCV 331
DB 301 RTRYRVVQPNNGSPCPELEEEAECVPDNCV 331
XX
XX RESULT 26
XX ADC67957
XX ID ADC67957 standard; protein; 331 AA.
XX AC ADC67957;
XX XX
XX DT 18-DEC-2003 (first entry)
XX
XX Human secreted/transmembrane protein, PRO866.
XX
XX Human; secreted protein; transmembrane protein; PRO; cytostatic;
XX ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnervary;
XX auditory; tumour growth; retinal disorder; sports-related joint problem;
XX articular cartilage defects; osteoarthritis; rheumatoid arthritis;
XX wound healing; hearing loss.
XX
XX Homo sapiens.
XX
XX US2003069178-A1.
XX
XX 10-APR-2003.
XX
XX 16-OCT-2001; 2001US-00978423.
XX
XX 17-OCT-1997; 97US-0062250P.
XX 03-NOV-1997; 97US-0064249P.
XX 13-NOV-1997; 97US-0065311P.
XX 21-NOV-1997; 97US-0066364P.
XX 10-MAR-1998; 98US-0077450P.
XX 11-MAR-1998; 98US-0077632P.
XX 11-MAR-1998; 98US-0077641P.
XX 11-MAR-1998; 98US-0077649P.
XX 12-MAR-1998; 98US-0077791P.
XX 13-MAR-1998; 98US-0078004P.
XX 20-MAR-1998; 98US-0078886P.
XX 20-MAR-1998; 98US-0078910P.
XX 20-MAR-1998; 98US-0078936P.
XX 20-MAR-1998; 98US-0078939P.
XX 25-MAR-1998; 98US-0079294P.
XX 26-MAR-1998; 98US-0079656P.
XX 27-MAR-1998; 98US-0079663P.
XX 27-MAR-1998; 98US-0079664P.
XX 27-MAR-1998; 98US-0079689P.
XX 27-MAR-1998; 98US-0079728P.
XX 27-MAR-1998; 98US-0079786P.
XX 30-MAR-1998; 98US-0079920P.
XX 30-MAR-1998; 98US-0079923P.
XX 31-MAR-1998; 98US-0080105P.
XX 31-MAR-1998; 98US-0080194P.
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CC mentioned above, a vector comprising a PRO nucleic acid), a host cell
CC comprising the vector and producing PRO, a chimeric molecule comprising
CC PRO fused to a heterologous amino acid sequence, and an anti-PRO
CC antibody. PRO337 polypeptide is useful for detecting a PRO4993
CC polypeptide in a sample suspected of containing PRO4993 polypeptide.
CC Similarly, PRO4993 polypeptide is useful for detecting PRO337
CC polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting

Query Match 100.0%; Score 1760; DB 7; Length 331;
Best Local Similarity 100.0%; Pred. No. 1.4e-160;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MENPSPAAALGKALCALLATLGAACQPLGGESIC SARAPAKYSITFTGKWSQTAPPKQY 60
DB 1 MENPSPAAALGKALCALLATLGAACQPLGGESIC SARAPAKYSITFTGKWSQTAPPKQY 60

QY 61 PLFRPPAQNSSLGAAHSDYSWMRNQYVSNGLRDFAEERGEAWALMKIEAAGEALQSV 120
DB 61 PLFRPPAQNSSLGAAHSDYSWMRNQYVSNGLRDFAEERGEAWALMKIEAAGEALQSV 120

QY 121 HEVFSAPAVSGTGQTSABLEVQRRLSLVSVFVRIYVSPDWFVGVDSLDLCOGDRWREGA 180
DB 121 HEVFSAPAVSGTGQTSABLEVQRRLSLVSVFVRIYVSPDWFVGVDSLDLCOGDRWREGA 180

QY 181 ALDLYPDYDAGTSGFTSSPNFATIPQDTVTETSSPSHPANSFYPRLKALPPIARTVT 240
DB 181 ALDLYPDYDAGTSGFTSSPNFATIPQDTVTETSSPSHPANSFYPRLKALPPIARTVT 240

QY 241 LURLQSPRAFIPPAFVLPFSRDNIEYVDSASVPTPLDCEVLSWSSWGLCGHCGRLGTGS 300
DB 241 LURLQSPRAFIPPAFVLPFSRDNIEYVDSASVPTPLDCEVLSWSSWGLCGHCGRLGTGS 300

QY 301 RTRYRVQPNANGSPCPPELEEEAECPDNCV 331
DB 301 RTRYRVQPNANGSPCPPELEEEAECPDNCV 331

RESULT 27
ADC41277
ID ADC41277 standard; protein; 331 AA.
AC ADC41277;
DT 18-DEC-2003 (first entry)
DE Human secreted/transmembrane protein, PRO966.
KW Human; secreted protein; transmembrane protein; PRO; cytostatic;
KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulneryary;
KW auditory; tumour growth; retinal disorder; sports-related joint problem;
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
KW wound healing; hearing loss.
OS Homo sapiens.
XX US2003072745-A1.
PD 17-APR-2003.
XX 25-OCT-2001; 2001US-00013929.
XX 17-OCT-1997; 97US-0062250P.
PR 03-NOV-1997; 97US-0064249P.
PR 13-NOV-1997; 97US-0065311P.
PR 21-NOV-1997; 97US-0066364P.
PR 10-MAR-1998; 98US-0077450P.
PR 11-MAR-1998; 98US-0077632P.
PR 11-MAR-1998; 98US-0077641P.
PR 11-MAR-1998; 98US-0077649P.
PR 12-MAR-1998; 98US-0077791P.
PR 13-MAR-1998; 98US-0078004P.
PR 20-MAR-1998; 98US-0078866P.
PR 20-MAR-1998; 98US-0078910P.

20-MAR-1998; 98US-0078936P.
20-MAR-1998; 98US-0078939P.
25-MAR-1998; 98US-0079294P.
26-MAR-1998; 98US-0079656P.
27-MAR-1998; 98US-0079663P.
27-MAR-1998; 98US-0079664P.
27-MAR-1998; 98US-0079689P.
27-MAR-1998; 98US-0079728P.
27-MAR-1998; 98US-0079786P.
30-MAR-1998; 98US-0079920P.
30-MAR-1998; 98US-0079923P.
31-MAR-1998; 98US-0080105P.
31-MAR-1998; 98US-0080107P.
31-MAR-1998; 98US-0080165P.
31-MAR-1998; 98US-0080194P.
01-APR-1998; 98US-0080327P.
01-APR-1998; 98US-0080328P.
01-APR-1998; 98US-0080333P.
01-APR-1998; 98US-0080334P.
08-APR-1998; 98US-0081049P.
08-APR-1998; 98US-0081070P.
08-APR-1998; 98US-0081071P.
09-APR-1998; 98US-0081195P.
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15-APR-1998; 98US-0081817P.
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15-APR-1998; 98US-0081952P.
15-APR-1998; 98US-0081955P.
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22-APR-1998; 98US-0082700P.
22-APR-1998; 98US-0082704P.
22-APR-1998; 98US-0082797P.
22-APR-1998; 98US-0082804P.
23-APR-1998; 98US-0082796P.
27-APR-1998; 98US-0083336P.
28-APR-1998; 98US-0083322P.
29-APR-1998; 98US-0083392P.
29-APR-1998; 98US-0083495P.
29-APR-1998; 98US-0083496P.
29-APR-1998; 98US-0083499P.
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29-APR-1998; 98US-0083545P.
29-APR-1998; 98US-0083554P.
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29-APR-1998; 98US-0083559P.
30-APR-1998; 98US-0083742P.
05-MAY-1998; 98US-0084366P.
06-MAY-1998; 98US-0084414P.
06-MAY-1998; 98US-0084415P.
07-MAY-1998; 98US-0084598P.
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15-MAY-1998; 98US-0085573P.
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15-MAY-1998; 98US-0085704P.
18-MAY-1998; 98US-0086023P.
22-MAY-1998; 98US-0086392P.
22-MAY-1998; 98US-0086414P.

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PR 22-MAY-1998; 98US-0086430P.
PR 22-MAY-1998; 98US-0086486P.
PR 28-MAY-1998; 98US-0087098P.
PR 28-MAY-1998; 98US-0087106P.
PR 28-MAY-1998; 98US-0087208P.
PR 26-JUN-1998; 98US-0090863P.
PR 26-JUN-1998; 98US-0091010P.
PR 01-JUL-1998; 98US-0091359P.
PR 30-JUL-1998; 98US-0094651P.
PR 11-SEP-1998; 98US-0100038P.
PR 07-OCT-1998; 98WO-US021141.
PR 20-NOV-1998; 98US-0109304P.
PR 20-NOV-1998; 98WO-US024855.
PR 22-DEC-1998; 98US-0113296P.
PR 23-DEC-1998; 98US-0113621P.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 12-MAR-1999; 99US-01233957P.
PR 29-MAR-1999; 99US-0126773P.
PR 21-APR-1999; 99US-0130232P.
PR 26-APR-1999; 99US-0131022P.
PR 28-APR-1999; 99US-0131445P.
PR 14-MAY-1999; 99US-0134287P.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 16-JUN-1999; 99US-0139557P.
PR 23-JUN-1999; 99US-0141037P.
PR 07-JUL-1999; 99US-0142680P.
PR 26-JUL-1999; 99US-0145698P.
PR 28-JUL-1999; 99US-0146222P.
PR 29-OCT-1999; 99US-0162506P.
PR 30-NOV-1999; 99WO-US028313.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 30-DEC-1999; 99WO-US031243.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 24-FEB-2000; 2000WO-US005004.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 24-JUL-2000; 2000WO-US020710.
PR 24-AUG-2000; 2000WO-US023328.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001WO-US006520.
PR 22-MAR-2001; 2001WO-US009552.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001WO-US017800.
PR 20-JUN-2001; 2001WO-US019692.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 30-JUL-2001; 2001US-00918585.
XX
PA (GETH ) GENENTECH INC.
XX
PI Ashkenazi A, Baker KP, Botstein D, Desnoyers L, Eaton DL;
PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
PI Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
PI Stewart TA, Tumas D, Williams FM, Wood WI;
XX
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DR WPI; 2003-743806/70.
DR N-PSDB; ADC41276.
XX
PT Novel isolated secreted and transmembrane PRO polypeptides, useful in the
PT preparation of a medicament for treating a condition responsive to the
PT polypeptide, and as therapeutic agents e.g. vaccines.
XX
PS Claim 12; SEQ ID NO 236; 466pp; English.
XX
CC The invention relates to an isolated PRO polypeptide (secreted or
CC transmembrane protein) having at least 80% amino acid sequence identity
CC to an amino acid sequence chosen from 94 fully defined sequences as given
CC in the specification (including PRO lacking its associated signal
CC peptide), a PRO extracellular domain with or without its associated signal
CC peptide). Also included are nucleic acids encoding the PRO proteins
CC mentioned above, a vector comprising a PRO nucleic acid, a host cell
CC comprising the vector and producing PRO, a chimaeric molecule comprising
CC PRO fused to a heterologous amino acid sequence, and an anti-PRO
CC antibody. PRO337 polypeptide is useful for detecting a PRO4993
CC polypeptide in a sample suspected of containing PRO4993 polypeptide.
Query Match 100.0%; Score 1760; DB 7; Length 331;
Best Local Similarity 100.0%; Pred. No. 1.4e-160; Indels 0; Gaps 0;
Matches 331; Conservative 0; Mismatches 0;
QY 1 MENPSPAALGKALCALLLATIAGAGQPLGGESICSAAPAKYSITFTGKWSQTAFPKQY 60
Db 1 MENPSPAALGKALCALLLATIAGAGQPLGGESICSAAPAKYSITFTGKWSQTAFPKQY 60
QY 61 PLFRPPAOWSSLLGAAHSSDYSMWRKQYVNSNGLRDFAEERGEAWALMKEIEAAGALQSV 120
Db 61 PLFRPPAOWSSLLGAAHSSDYSMWRKQYVNSNGLRDFAEERGEAWALMKEIEAAGALQSV 120
QY 121 HEVFSAPAVPGSTGTSAELEVOREHSLVSFVVRIVPSDFVGVDSLDLDCGDWRQEA 180
Db 121 HEVFSAPAVPGSTGTSAELEVOREHSLVSFVVRIVPSDFVGVDSLDLDCGDWRQEA 180
QY 181 ALDLYPYDAGTDSGTFSSPNFATIPQDTVTITSSSPSHANSFYPRLKALPIARVT 240
Db 181 ALDLYPYDAGTDSGTFSSPNFATIPQDTVTITSSSPSHANSFYPRLKALPIARVT 240
QY 241 LLRLQSPRAFIAPPAPVLPSPRNEIVDSASVPETPLDCEVLSWSSWGLCGGHCRLGTKS 300
Db 241 LLRLQSPRAFIAPPAPVLPSPRNEIVDSASVPETPLDCEVLSWSSWGLCGGHCRLGTKS 300
QY 301 RTRYVRVOPANNGPSCELEEEAECPDNCV 331
Db 301 RTRYVRVOPANNGPSCELEEEAECPDNCV 331
RESULT 28
ADC67332
ID ADC67332 standard; protein; 331 AA.
XX
AC ADC67332;
XX
DT 18-DEC-2003 (first entry)
XX
DE Human secreted/transmembrane protein, PRO866.
XX
KW vulnary; virucide; neuroprotective; cytostatic; gene therapy;
KW tumour cell proliferation inhibitor;
KW secreted and transmembrane protein; PRO; viral infection; wound healing;
KW tissue growth; muscle generation; muscle regeneration;
KW amyotrophic lateral sclerosis; neuropathy; AIDS-associated neuropathy;
KW diabetic peripheral neuropathy; chromosome identification; antagonist;
KW tissue typing; immunohistochemical staining.
XX
OS Homo sapiens.
XX
PN US2003073131-A1.
XX
PD 17-APR-2003.
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XX 25-OCT-2001; 2001US-00016177.
PF 17-OCT-1997; 97US-0062250P.
XX 03-NOV-1997; 97US-0064249P.
PR 13-NOV-1997; 97US-0065311P.
PR 21-NOV-1997; 97US-0066364P.
PR 10-MAR-1998; 98US-0077450P.
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PR 31-MAR-1998; 98US-0080194P.
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PR 08-APR-1998; 98US-0081049P.
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PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
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PR 16-JUN-1999; 99US-0139557P.
PR 23-JUN-1999; 99US-0141037P.
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PR 26-JUL-1999; 99US-0145698P.
PR 28-JUL-1999; 99US-0146222P.
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PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 24-FEB-2000; 2000WO-US005004.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 24-AUG-2000; 2000WO-US023328.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001WO-US006520.
PR 22-MAR-2001; 2001WO-US009552.

PR 25-MAY-2001; 2001WO-US017092.
 PR 01-JUN-2001; 2001WO-US017800.
 PR 20-JUN-2001; 2001WO-US019692.
 PR 29-JUN-2001; 2001WO-US021066.
 PR 09-JUL-2001; 2001WO-US021735.
 PR 30-JUL-2001; 2001US-00918585.
 XX
 PA (GETH) GENENTECH INC.
 XX
 PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
 PI Ferrara N, Flivaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
 PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AU, Hillan KJ;
 PI Kijavini IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
 PI Stewart TA, Tumas D, Williams PM, Wood WI;
 XX
 DR WPI: 2003-743810/70.
 DR N-PSDB; ADC67331.
 XX
 XX Novel isolated secreted and transmembrane PRO polypeptides, useful in the
 PT preparation of a medicament for treating a condition responsive to the
 PT polypeptide, and as therapeutic agents e.g. vaccines.
 XX
 PS Claim 12; SEQ ID NO 236; 464pp; English.
 XX
 CC The invention describes an isolated secreted and transmembrane PRO
 CC polypeptide (1). PRO polypeptide such as PRO213, PRO700, PRO320 or PRO615
 CC is useful in biotechnological and medical research, as well as in various
 CC industrial applications. PRO polypeptide such as PRO300, PRO866, PRO703,
 CC PRO708, PRO320, PRO351, PRO352, PRO381, PRO615, PRO618, PRO772, PRO853,
 CC PRO860 or PRO846 is useful for therapeutic purposes. PRO363 is useful
 CC therapeutically in vivo for lessening the effects of viral infection.
 CC PRO200 is useful for the treatment of wound healing, tissue growth and
 CC muscle generation and regeneration. PRO337 is useful for treating

Query Match 100.0%; Score 1760; DB 7; Length 331;
 Best Local Similarity 100.0%; Pred. No. 1.4e-160;
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 DB 241 LLRLRQSPRAFTIPAPVPLSRDNEIIVDSASVPETPLDCEVLSWSSWGLCGHGRIGTKS 300
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RESULT 29
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 AC ADC62268;
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 DT 18-DEC-2003 (first entry)
 XX
 DE Human secreted/transmembrane protein, PRO866.
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KW Human; secreted protein; transmembrane protein; PRO; cytostatic;
 KW ophthalmological; antiarthritis; osteopathic; antirheumatic; vulnary;
 KW auditory; tumour growth; retinal disorder; sports-related joint problem;
 KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
 XX wound healing; hearing loss.
 OS Homo sapiens.
 XX US2003073624-A1.
 PN 17-APR-2003.
 PD 15-OCT-2001; 2001US-00978193.
 PF 17-OCT-1997; 97US-0062250P.
 PR 03-NOV-1997; 97US-0064249P.
 PR 13-NOV-1997; 97US-0065311P.
 PR 21-NOV-1997; 97US-0066364P.
 PR 10-MAR-1998; 98US-0077450P.
 PR 11-MAR-1998; 98US-0077632P.
 PR 11-MAR-1998; 98US-0077641P.
 PR 12-MAR-1998; 98US-0077649P.
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AC ADC41901;
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DT 18-DEC-2003 (first entry)
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DE Human secreted/transmembrane protein, PRO866.
XX
KW Human; secreted protein; transmembrane protein; PRO; cytostatic;
KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnery;
KW auditory; tumour growth; retinal disorder; sports-related joint problem;
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
KW wound healing; hearing loss.
XX
OS Homo sapiens.
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PD 05-JUN-2003.
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PR 05-MAR-1999; 99US-00254465.
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PR 08-NOV-2000; 2000US-00709238.
PR 27-NOV-2000; 2000US-00723749.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001WO-US006520.
PR 22-MAR-2001; 2001US-00816744.
PR 22-MAR-2001; 2001US-00816920.
PR 22-MAR-2001; 2001WO-US009552.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001US-00886342.
PR 29-JUN-2001; 2001WO-US019692.
PR 09-JUL-2001; 2001WO-US021066.
PR 30-JUL-2001; 2001WO-US021735.
PR 30-JUL-2001; 2001US-00918585.

(GETH) GENENTECH INC.

Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;

```
Query Match      100.0%; Score 1760; DB 7; Length 331;
Best Local Similarity 100.0%; Pred. No. 1.4e-160;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MENPSPAALGKALCALLATLGAAGOPLGESIC SARAPAKYSITFTGKWSQTAFPKQY 60
DB 1 MENPSPAALGKALCALLATLGAAGOPLGESIC SARAPAKYSITFTGKWSQTAFPKQY 60
QY 61 PLFRPPAOWSSLLGAHSSDYSMWRKNQVYNSGLRDFAEERGEAWALMKEIAEAGEALQSV 120
DB 61 PLFRPPAOWSSLLGAHSSDYSMWRKNQVYNSGLRDFAEERGEAWALMKEIAEAGEALQSV 120
QY 121 HEVFSAPAVPSGTGQTSAELEVQRHSLVSFVVRIVPSPDFVGVDSLDLDCDGRWREQA 180
DB 121 HEVFSAPAVPSGTGQTSAELEVQRHSLVSFVVRIVPSPDFVGVDSLDLDCDGRWREQA 180
QY 181 ALDLYPYDAGTDSGFTFSSPNFATIPQDVTVEITSSSPSHPANSFYPRKALPPIARVT 240
DB 181 ALDLYPYDAGTDSGFTFSSPNFATIPQDVTVEITSSSPSHPANSFYPRKALPPIARVT 240
QY 241 LLRLRQSPRAFIPAPVLPSPRDNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTSK 300
DB 241 LLRLRQSPRAFIPAPVLPSPRDNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTSK 300
QY 301 RTRYVRVQPNANSGPCPELEEEAECPDNCV 331
DB 301 RTRYVRVQPNANSGPCPELEEEAECPDNCV 331

RESULT 32
ADE35324 ID ADE35324 standard; protein; 331 AA.
AC ADE35324;
XX
DT 29-JAN-2004 (first entry)
XX
DE Human secreted/transmembrane protein, PRO866.
XX
KW Human; secreted protein; transmembrane protein; PRO; cytostatic;
KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnary;
KW auditory; tumour growth; retinal disorder; sports-related joint problem;
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
KW wound healing; hearing loss.
XX
OS Homo sapiens.
XX
PN US2003203434-A1.
XX
PD 30-OCT-2003.
XX
PF 18-OCT-2001; 2001US-00145088.
XX
PR 15-MAY-1998; 98US-0085689P.
PR 08-MAR-1999; 99WO-US0005028.
PR 28-APR-1999; 99US-0131445P.
PR 25-AUG-1999; 99US-00380138.
PR 18-FEB-2000; 2000WO-US004341.
PR 30-JUL-2001; 2001US-00918585.
XX
PA (GETH ) GENENTECH INC.
XX
PI Ashkenazi AJ, Baker KP, Botstein D, Desnovers L, Eaton DL;
PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen MB;
PI Goddard A, Godowski FJ, Grimaldi JC, Gurney AL, Hillan KJ;
PI Kijavini IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
PI Stewart TA, Tumas D, Williams PM, Wood WI;
XX
DR WPI: 2003-875641/81.
DR N-PSDB: ADE35323.
XX
PT New genes, and its encoded secreted and transmembrane polypeptides,
PT useful for treating e.g. lung or breast tumors, osteoarthritis,
```

```
PT rheumatoid arthritis, obesity, diabetes, hyperinsulinemia,
PT hypoinsulinemia or wounds.
XX
PS Claim 12; SEQ ID NO 236; 462pp; English.
XX
CC The invention relates to an isolated PRO polypeptide (secreted or
CC transmembrane protein) having at least 80% amino acid sequence identity
CC to an amino acid sequence chosen from 94 fully defined sequences as given
CC in the specification (including PRO lacking its associated signal
CC peptide, a PRO extracellular domain with or without its associated signal
CC peptide). Also included are nucleic acids encoding the PRO proteins
CC mentioned above, a vector comprising a PRO nucleic acid, a host cell
CC comprising the vector and producing PRO, a chimeric molecule comprising
CC PRO fused to a heterologous amino acid sequence, and an anti-PRO
CC antibody. PRO337 polypeptide is useful for detecting a PRO4993
CC polypeptide in a sample suspected of containing PRO4993 polypeptide.
CC Similarly, PRO4993 polypeptide is useful for detecting PRO337
CC polypeptide. PRO700 or PRO739 polypeptide is useful for detecting
CC PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting
CC PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a
CC bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive
CC molecule is the toxin, radiolabel, or an antibody. The bioactive molecule
CC causes death of the cell. PRO337 polypeptide is useful for linking a
CC bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,
CC PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule
CC to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is
CC useful for linking a bioactive molecule to a cell expressing PRO725,
CC PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337
CC polypeptide is useful for modulating at least one biological activity of
CC the cell expressing PRO337 polypeptide, where the cell is killed. PRO337
CC polypeptide or anti-PRO4993 polypeptide is useful for modulating the
CC biological activity of the cell expressing PRO4993 polypeptide; PRO725,
CC PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for
CC modulating the biological activity of the cell expressing PRO1559
CC polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-
CC PRO739 polypeptide is useful for modulating the biological activity of
CC the cell expressing PRO725, PRO700 or PRO739 polypeptide. The
CC polypeptides are useful for inhibiting tumour growth, retinal disorders,
CC sports-related joint problems, articular cartilage defects,
CC osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in
CC mammals. The present sequence represents a PRO protein.
XX
SQ Sequence 331 AA;
```

```
Query Match      100.0%; Score 1760; DB 7; Length 331;
Best Local Similarity 100.0%; Pred. No. 1.4e-160;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MENPSPAALGKALCALLATLGAAGOPLGESIC SARAPAKYSITFTGKWSQTAFPKQY 60
DB 1 MENPSPAALGKALCALLATLGAAGOPLGESIC SARAPAKYSITFTGKWSQTAFPKQY 60
QY 61 PLFRPPAOWSSLLGAHSSDYSMWRKNQVYNSGLRDFAEERGEAWALMKEIAEAGEALQSV 120
DB 61 PLFRPPAOWSSLLGAHSSDYSMWRKNQVYNSGLRDFAEERGEAWALMKEIAEAGEALQSV 120
QY 121 HEVFSAPAVPSGTGQTSAELEVQRHSLVSFVVRIVPSPDFVGVDSLDLDCDGRWREQA 180
DB 121 HEVFSAPAVPSGTGQTSAELEVQRHSLVSFVVRIVPSPDFVGVDSLDLDCDGRWREQA 180
QY 181 ALDLYPYDAGTDSGFTFSSPNFATIPQDVTVEITSSSPSHPANSFYPRKALPPIARVT 240
DB 181 ALDLYPYDAGTDSGFTFSSPNFATIPQDVTVEITSSSPSHPANSFYPRKALPPIARVT 240
QY 241 LLRLRQSPRAFIPAPVLPSPRDNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTSK 300
DB 241 LLRLRQSPRAFIPAPVLPSPRDNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTSK 300
QY 301 RTRYVRVQPNANSGPCPELEEEAECPDNCV 331
DB 301 RTRYVRVQPNANSGPCPELEEEAECPDNCV 331
```

RESULT 33
AD16438
ID ADE16438 standard; protein; 331 AA.
XX
AC ADE16438;
XX
DT 29-JAN-2004 (first entry)
XX
DE Human secreted/transmembrane protein, PRO866.
XX
KW Human; secreted protein; transmembrane protein; PRO; cytostatic;
KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnery;
KW auditory; tumour growth; retinal disorder; sports-related joint problem;
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
KW wound healing; hearing loss.
XX
OS Homo sapiens.
XX
PN US2003203435-A1.
XX
PD 30-OCT-2003.
XX
PF 18-OCT-2001; 2001US-00145092.
XX
PR 30-APR-1998; 98US-0083742P.
PR 08-MAR-1999; 99WO-US005028.
PR 23-JUN-1999; 99US-0141037P.
PR 25-AUG-1999; 99US-00380138.
PR 18-FEB-2000; 2000WO-US004341.
PR 30-JUL-2001; 2001US-00918585.
XX
PA (GETH) GENENTECH INC.
XX
PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
PI Kijavini IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
PI Stewart TA, Tumas D, Williams PM, Wood WJ;
XX
DR WPI; 2003-875642/81.
DR N-PSDB; ADE16437.
XX
PT New genes, and its encoded secreted and transmembrane polypeptides,
PT useful for treating e.g. lung or breast tumors, osteoarthritis,
PT rheumatoid arthritis, obesity, diabetes, hyperinsulinemia,
PT hypoinsulinemia or wounds.
XX
PS Claim 12; SEQ ID NO 236; 452pp; English.
XX
CC The invention relates to an isolated PRO polypeptide (secreted or
CC transmembrane protein) having at least 80% amino acid sequence identity
CC to an amino acid sequence chosen from 94 fully defined sequences as given
CC in the specification (including PRO lacking its associated signal
CC peptide, a PRO extracellular domain with or without its associated signal
CC peptide). Also included are nucleic acids encoding the PRO proteins
CC mentioned above, a vector comprising a PRO nucleic acid, a host cell
CC comprising the vector and producing PRO, a chimaeric molecule comprising
CC PRO fused to a heterologous amino acid sequence, and an anti-PRO
CC antibody. PRO337 polypeptide is useful for detecting a PRO4993
CC polypeptide in a sample suspected of containing PRO4993 polypeptide.
CC Similarly, PRO4993 polypeptide is useful for detecting PRO337
CC polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting
CC PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting a
CC PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a
CC bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive
CC molecule is the toxin, radiolabel, or an antibody. The bioactive molecule
CC causes death of the cell. PRO337 polypeptide is useful for linking a
CC bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,
CC PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule
CC to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is
CC useful for linking a bioactive molecule to a cell expressing PRO725,
CC PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337
CC polypeptide is useful for modulating at least one biological activity of

CC the cell expressing PRO337 polypeptide, where the cell is killed. PRO337
CC polypeptide or anti-PRO4993 polypeptide is useful for modulating the
CC biological activity of the cell expressing PRO4993 polypeptide; PRO725,
CC PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for
CC modulating the biological activity of the cell expressing PRO1559
CC polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-
CC PRO739 polypeptide is useful for modulating the biological activity of
CC the cell expressing PRO725, PRO700 or PRO739 polypeptide. The
CC polypeptides are useful for inhibiting tumour growth, retinal disorders,
CC sports-related joint problems, articular cartilage defects,
CC osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in
CC mammals. The present sequence represents a PRO protein.
XX
SQ Sequence 331 AA;
Query Match 100.0%; Score 1760; DB 7; Length 331;
Best Local Similarity 100.0%; Pred. No. 1.4e-160; Indels 0; Gaps 0;
Matches 331; Conservative 0; Mismatches 0;
QY 1 MENPSPAALGKALCALLATLGAAGQPLGGESIC SARAPAKYSITFTGKWSQTAPFKQY 60
DB |||||||
QY 1 MENPSPAALGKALCALLATLGAAGQPLGGESIC SARAPAKYSITFTGKWSQTAPFKQY 60
DB |||||||
QY 61 PLFRPPAOWSSLLGAHSSDYSMWRKNQYVSNGLRDPFAERGEAWALMKEIEAAGEALQSV 120
DB |||||||
QY 61 PLFRPPAOWSSLLGAHSSDYSMWRKNQYVSNGLRDPFAERGEAWALMKEIEAAGEALQSV 120
DB |||||||
QY 121 HEVFSAPAVPSGTGTSAELEVRHSLVSFVVRIVPSDFVGVDSLDLDCGDRWREA 180
DB |||||||
QY 121 HEVFSAPAVPSGTGTSAELEVRHSLVSFVVRIVPSDFVGVDSLDLDCGDRWREA 180
DB |||||||
QY 181 ALDLYPYDAGTDSGTFSSPNFATIPQDTVTITSSPSHPANSFYPRKALPPIARVT 240
DB |||||||
QY 181 ALDLYPYDAGTDSGTFSSPNFATIPQDTVTITSSPSHPANSFYPRKALPPIARVT 240
DB |||||||
QY 241 LURLRQSPRAFPAPVLPSPRNEIVDSASVPETPLDCEVLSWSSWGLCGHCGRLGTGS 300
DB |||||||
QY 241 LURLRQSPRAFPAPVLPSPRNEIVDSASVPETPLDCEVLSWSSWGLCGHCGRLGTGS 300
DB |||||||
QY 301 RTRYVRVOPANNNGSPCPLEEEAEACVPCNCV 331
DB |||||||
QY 301 RTRYVRVOPANNNGSPCPLEEEAEACVPCNCV 331
DB |||||||
RESULT 34
ADD73053
ID ADD73053 standard; protein; 331 AA.
XX
AC ADD73053;
XX
DT 29-JAN-2004 (first entry)
XX
DE Human secreted/transmembrane protein, PRO866.
XX
KW Human; secreted protein; transmembrane protein; PRO; cytostatic;
KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnery;
KW auditory; tumour growth; retinal disorder; sports-related joint problem;
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
KW wound healing; hearing loss.
XX
OS Homo sapiens.
XX
PN US2003203436-A1.
XX
PD 30-OCT-2003.
XX
PF 18-OCT-2001; 2001US-00145129.
XX
PR 22-MAY-1998; 98US-0086414P.
PR 25-DEC-1998; 98US-0113296P.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 12-APR-1999; 99US-00284291.


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PR 25-AUG-1999; 99US-00380138.
PR 18-FEB-2000; 2000WO-US004341.
PR 30-JUL-2001; 2001US-00918585.
XX
PA (GETH ) GENENTECH INC.
XX
PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
PI Ferrara N, Filvaroff E, Fong S, Gao W, Garber H, Gerritsen ME;
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
PI Kijavini IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
PI Stewart TA, Tumas D, Williams PM, Wood WI;
XX
DR WPI: 2003-875643/81.
DR N-PSDB; ADD73052.
XX
PT New PRO genes and encoded secreted and transmembrane polypeptides, useful
PT for treating e.g. lung or breast tumors, osteoarthritis, rheumatoid
PT arthritis, obesity, diabetes, hyperinsulinemia, hypoinsulinemia or
PT wounds.
XX
PS Claim 12; SEQ ID NO 236; 453pp; English.
XX
CC The invention relates to an isolated PRO polypeptide (secreted or
CC transmembrane protein) having at least 80% amino acid sequence identity
CC to an amino acid sequence chosen from 94 fully defined sequences as given
CC in the specification (including PRO lacking its associated signal
CC peptide, a PRO extracellular domain with or without its associated signal
CC peptide). Also included are nucleic acids encoding the PRO proteins
CC mentioned above, a vector comprising a PRO nucleic acid, a host cell
CC comprising the vector and producing PRO, a chimeric molecule comprising
CC PRO fused to a heterologous amino acid sequence, and an anti-PRO
CC antibody. PRO337 polypeptide is useful for detecting a PRO4993
CC polypeptide in a sample suspected of containing PRO4993 polypeptide.
CC Similarly, PRO4993 polypeptide is useful for detecting PRO337
CC polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting
CC PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting
CC PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a
CC bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive
CC molecule is the toxin, radiolabel, or an antibody. The bioactive molecule
CC causes death of the cell. PRO337 polypeptide is useful for linking a
CC bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,
CC PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule
CC to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is
CC useful for linking a bioactive molecule to a cell expressing PRO725,
CC PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337
CC polypeptide is useful for modulating at least one biological activity of
CC the cell expressing PRO337 polypeptide, where the cell is killed. PRO337
CC polypeptide or anti-PRO4993 polypeptide is useful for modulating the
CC biological activity of the cell expressing PRO4993 polypeptide; PRO725,
CC PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for
CC modulating the biological activity of the cell expressing PRO1559
CC polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-
CC PRO739 polypeptide is useful for modulating the biological activity of
CC the cell expressing PRO725, PRO700 or PRO739 polypeptide. The
CC polypeptides are useful for inhibiting tumour growth, retinal disorders,
CC sports-related joint problems, articular cartilage defects,
CC osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in
CC mammals. The present sequence represents a PRO protein.
XX
SQ Sequence 331 AA;
Query Match 100.0%; Score 1760; DB 7; Length 331;
Best Local Similarity 100.0%; Pred. No. 1.4e-160;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MENPSPAALGKALCALLATLGAAGQPLGGESICSRAPAKYSITFTGKWSQATPKQY 60
DB 1 MENPSPAALGKALCALLATLGAAGQPLGGESICSRAPAKYSITFTGKWSQATPKQY 60
QY 61 PLFRPPAOWSLGAHSSDYSWMRNQYVNSGLRDPFAERGEAWALMKETEAAAGEALQSV 120
DB 61 PLFRPPAOWSLGAHSSDYSWMRNQYVNSGLRDPFAERGEAWALMKETEAAAGEALQSV 120
QY 121 HEVFSAPAVPSGTGOTSAELEVORRHSLVSFVVRIVPSDFVGVDSLDLDCGDRWREQA 180
DB 121 HEVFSAPAVPSGTGOTSAELEVORRHSLVSFVVRIVPSDFVGVDSLDLDCGDRWREQA 180
QY 181 ALDLYPYDAGTDSGFTFSSPNFATIPQDVTVEITSSSPSHPANSFYPRKALPPIARVT 240
DB 181 ALDLYPYDAGTDSGFTFSSPNFATIPQDVTVEITSSSPSHPANSFYPRKALPPIARVT 240
QY 241 LLRLRQSPRAFIPAPVLPSPRNEIVDSASVPETPLDCEVLSWSSNGLCGGHCGRIGTKS 300
DB 241 LLRLRQSPRAFIPAPVLPSPRNEIVDSASVPETPLDCEVLSWSSNGLCGGHCGRIGTKS 300
QY 301 RTRYRVQPANNGSPCPELEEEAEACVDPNCV 331
DB 301 RTRYRVQPANNGSPCPELEEEAEACVDPNCV 331
RESULT 35
ADD72411
ID ADD72411 standard; protein; 331 AA.
XX
AC ADD72411;
XX
DT 29-JAN-2004. (first entry)
XX
DE Human secreted/transmembrane protein, PRO866.
XX
KW Human; secreted protein; transmembrane protein; PRO; cytostatic;
KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnery;
KW auditory; tumour growth; retinal disorder; sports-related joint problem;
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
KW wound healing; hearing loss.
XX
OS Homo sapiens.
XX
PN US2003194781-A1.
XX
PD 16-OCT-2003.
XX
PF 19-OCT-2001; 2001US-00164929.
XX
PR 30-MAR-1998; 98US-0079920P.
PR 07-OCT-1998; 98WO-US021141.
PR 20-NOV-1998; 98WO-US024855.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 15-APR-1999; 99WO-US008313.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 25-AUG-1999; 99US-00380138.
PR 30-NOV-1999; 99WO-US028313.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 30-DEC-1999; 99WO-US031243.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 24-FEB-2000; 2000WO-US005004.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 24-AUG-2000; 2000WO-US023328.
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01-DEC-2000; 2000WO-US032678.
20-DEC-2000; 2001WO-US034956.
28-FEB-2001; 2001WO-US006520.
22-MAR-2001; 2001WO-US009552.
25-MAY-2001; 2001WO-US017092.
01-JUN-2001; 2001WO-US017800.
20-JUN-2001; 2001WO-US019692.
29-JUN-2001; 2001WO-US021066.
09-JUL-2001; 2001WO-US021735.
30-JUL-2001; 2001US-00918585.
XX
XX (GETH) GENENTECH INC.
XX
PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
PI Ferrarini N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
PI Goddard A, Godowski RJ, Grimaldi JC, Gurney AL, Hillan KJ;
PI Kijavini IA, Kuo SS, Napier MA, Pan J, Faoni NF, Roy MA, Shelton DL;
PI Stewart TJ, Tumas D, Williams PM, Wood WI;
XX
XX WPI; 2003-852598/79.
DR N-PSDB; ADD72410.
XX
XX
PT New secreted and transmembrane PRO nucleic acids and polypeptides, useful
PT for stimulating the release of tumor necrosis factor alpha from human
PT blood and stimulating the proliferation of differentiation of chondrocyte
PT cells.
XX
XX Claim 12; SEQ ID NO 236; 462pp; English.
PS
XX
XX The invention relates to an isolated PRO polypeptide (secreted or
transmembrane protein) having at least 80% amino acid sequence identity
to an amino acid sequence chosen from 94 fully defined sequences as given
in the specification (including PRO lacking its associated signal
peptide, a PRO extracellular domain with or without its associated signal
peptide). Also included are nucleic acids encoding the PRO proteins
mentioned above, a vector comprising a PRO nucleic acid, a host cell
comprising the vector and producing PRO, a chimaeric molecule comprising
PRO fused to a heterologous amino acid sequence, and an anti-PRO
antibody. PRO337 polypeptide is useful for detecting a PRO4993
polypeptide in a sample suspected of containing PRO4993 polypeptide.
XX Similarly, PRO4993 polypeptide is useful for detecting PRO337
polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting
PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting a
PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a
bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive
molecule is the toxin, radiolabel, or an antibody. The bioactive molecule
causes death of the cell. PRO337 polypeptide is useful for linking a
bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,
PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule
to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is
useful for linking a bioactive molecule to a cell expressing PRO725,
PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337
polypeptide is useful for modulating at least one biological activity of
the cell expressing PRO337 polypeptide, where the cell is killed. PRO337
polypeptide or anti-PRO4993 polypeptide is useful for modulating the
biological activity of the cell expressing PRO4993 polypeptide; PRO725,
PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for
modulating the biological activity of the cell expressing PRO1559
polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-
PRO739 polypeptide is useful for modulating the biological activity of
the cell expressing PRO725, PRO700 or PRO739 polypeptide. The
polypeptides are useful for inhibiting tumour growth, retinal disorders,
sports-related joint problems, articular cartilage defects,
osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in
mammals. The present sequence represents a PRO protein.
XX
SQ Sequence 331 AA;
Query Match 100.0%; Score 1760; DB 7; Length 331;
Best Local Similarity 100.0%; Pred. No. 1.4e-160; Indels 0; Gaps 0;
Matches 331; Conservative 0; Mismatches 0;
QY 1 MEMPSPAAALGKALCALLATLGAAGOPLGSGESICSAAPAKYSTITFTGKWSQTAFPKQY 60

PS Claim 12; SEQ ID NO 236; 459pp; English.

XX The invention relates to an isolated PRO polypeptide (secreted or
CC transmembrane protein) having at least 80% amino acid sequence identity
CC to an amino acid sequence chosen from 94 fully defined sequences as given
CC in the specification (including PRO lacking its associated signal
CC peptide, a PRO extracellular domain with or without its associated signal
CC peptide). Also included are nucleic acids encoding the PRO proteins
CC mentioned above, a vector comprising a PRO nucleic acid, a host cell
CC comprising the vector and producing PRO, a chimeric molecule comprising
CC PRO fused to a heterologous amino acid sequence, and an anti-PRO
CC antibody. PRO337 polypeptide is useful for detecting a PRO4993
CC polypeptide in a sample suspected of containing PRO4993 polypeptide.
CC Similarly, PRO4993 polypeptide is useful for detecting PRO337
CC polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting
CC PRO3559 polypeptide, and PRO1559 polypeptide is useful for detecting
CC PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a
CC bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive
CC molecule is the toxin, radiolabel, or an antibody. The bioactive molecule
CC causes death of the cell. PRO337 polypeptide is useful for linking a
CC bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,
CC PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule
CC to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is
CC useful for linking a bioactive molecule to a cell expressing PRO725,
CC PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337
CC polypeptide is useful for modulating at least one biological activity of
CC the cell expressing PRO337 polypeptide, where the cell is killed. PRO337
CC polypeptide or anti-PRO4993 polypeptide is useful for modulating the
CC biological activity of the cell expressing PRO4993 polypeptide; PRO725,
CC PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for
CC modulating the biological activity of the cell expressing PRO1559
CC polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-
CC PRO739 polypeptide is useful for modulating the biological activity of
CC the cell expressing PRO725, PRO700 or PRO739 polypeptide. The
CC polypeptides are useful for inhibiting tumour growth, retinal disorders,
CC sports-related joint problems, articular cartilage defects,
CC osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in
CC mammals. The present sequence represents a PRO protein.

XX Sequence 331 AA;

QY Query Match 100.0%; Score 1760; DB 7; Length 331;
Best Local Similarity 100.0%; Pred. No. 1.4e-160;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MENPSAALGKALCALLATLGAAGQPLGGESICARAPAKYSITFTCKWSQTAPPKQY 60
DB |||||
QY 61 PLFRPPAQWSSLLGAHSSDYSMWRKQVNSGLRDPFAERGEAWALMKIEAAGEALQSV 120
DB |||||
QY 121 HEVFSAPVSGTGTSASLEVQRHSLVSFVVRIVPSPDFVGVDSLDLDCGDRWREGA 180
DB |||||
QY 121 HEVFSAPVSGTGTSASLEVQRHSLVSFVVRIVPSPDFVGVDSLDLDCGDRWREGA 180
DB |||||
QY 181 ALDLYPYDAGTDSGFTFSSPNFATIPQDVTVEITSSPSHPANSFYYPRLKALPPIARTV 240
DB |||||
QY 241 LLRLRQSPRAFIPTAPVLPSPRNEIVDSASVETPLDCEVSLWSWGLCGHCGRLGTGKS 300
DB |||||
QY 301 RTYRVVQPNNGSPCELEEEAECPDNCV 331
DB |||||

RESULT 37
ADF47076
ID ADF47076 standard; protein; 331 AA.

XX ADF47076;
AC
XX
XX 12-FEB-2004 (first entry)
DT
XX
XX Human secreted/transmembrane protein, PRO866.
DE
XX
XX Human; secreted protein; transmembrane protein; PRO; cytostatic;
KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnerary;
KW auditory; tumour growth; retinal disorder; sports-related joint problem;
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
KW wound healing; hearing loss.
XX
XX Homo sapiens.
OS
XX
XX US2003195333-A1.
FN
XX
XX 16-OCT-2003.
PD
XX
XX 15-OCT-2001; 2001US-00978194.
PP
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XX 17-OCT-1997; 97US-0062250P.
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XX 03-NOV-1997; 97US-0064249P.
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XX 13-NOV-1997; 97US-0065311P.
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XX 21-NOV-1997; 97US-0066364P.
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XX 10-MAR-1998; 98US-0077450P.
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XX 11-MAR-1998; 98US-0077641P.
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XX 17-MAR-1998; 98US-00040220.
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XX 20-MAR-1998; 98US-0078886P.
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XX 20-MAR-1998; 98US-0078910P.
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XX 20-MAR-1998; 98US-0078939P.
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XX 26-MAR-1998; 98US-0079656P.
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XX 27-MAR-1998; 98US-0079663P.
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XX 27-MAR-1998; 98US-0079728P.
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XX 27-MAR-1998; 98US-0079786P.
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XX 30-MAR-1998; 98US-0079920P.
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XX 30-MAR-1998; 98US-0079923P.
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XX 31-MAR-1998; 98US-0080105P.
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XX 31-MAR-1998; 98US-0080165P.
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XX 15-APR-1998; 98US-0081952P.
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XX 15-APR-1998; 98US-0081955P.
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XX 22-APR-1998; 98US-0082797P.
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XX 22-APR-1998; 98US-0082804P.
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XX 23-APR-1998; 98US-0082796P.
PR
XX 27-APR-1998; 98US-0083336P.
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XX 28-APR-1998; 98US-0083332P.
PR

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PR 29-APR-1998; 98US-0083392P.
PR 29-APR-1998; 98US-0083495P.
PR 29-APR-1998; 98US-0083496P.
PR 29-APR-1998; 98US-0083499P.
PR 29-APR-1998; 98US-0083500P.
PR 29-APR-1998; 98US-0083500P.
PR 29-APR-1998; 98US-0083545P.
PR 29-APR-1998; 98US-0083554P.
PR 29-APR-1998; 98US-0083558P.
PR 29-APR-1998; 98US-0083558P.
PR 05-MAY-1998; 98US-0083742P.
PR 05-MAY-1998; 98US-0083665P.
PR 06-MAY-1998; 98US-0084414P.
PR 06-MAY-1998; 98US-0084414P.
PR 07-MAY-1998; 98US-0084598P.
PR 07-MAY-1998; 98US-0084600P.
PR 07-MAY-1998; 98US-0084627P.
PR 07-MAY-1998; 98US-0084637P.
PR 07-MAY-1998; 98US-0084639P.
PR 07-MAY-1998; 98US-0084640P.
PR 07-MAY-1998; 98US-0084643P.
PR 13-MAY-1998; 98US-0085323P.
PR 13-MAY-1998; 98US-0085338P.
PR 13-MAY-1998; 98US-0085339P.
PR 15-MAY-1998; 98US-0085573P.
PR 15-MAY-1998; 98US-0085579P.
PR 15-MAY-1998; 98US-0085580P.
PR 15-MAY-1998; 98US-0085582P.
PR 15-MAY-1998; 98US-0085689P.
PR 15-MAY-1998; 98US-0085697P.
PR 15-MAY-1998; 98US-0085700P.
PR 18-MAY-1998; 98US-0085704P.
PR 18-MAY-1998; 98US-0086023P.
PR 22-MAY-1998; 98US-0086392P.
PR 22-MAY-1998; 98US-0086414P.
PR 22-MAY-1998; 98US-0086430P.
PR 22-MAY-1998; 98US-0086486P.
PR 28-MAY-1998; 98US-0087098P.
PR 28-MAY-1998; 98US-0087106P.
PR 28-MAY-1998; 98US-0087208P.
PR 26-JUN-1998; 98US-0010541P.
PR 26-JUN-1998; 98US-0090863P.
PR 26-JUN-1998; 98US-0091010P.
PR 01-JUL-1998; 98US-0091395P.
PR 30-JUL-1998; 98US-0094651P.
PR 11-SEP-1998; 98US-0100038P.
PR 07-OCT-1998; 98US-0016897P.
PR 07-OCT-1998; 98WO-US021141.
PR 02-NOV-1998; 98US-0018421P.
PR 06-NOV-1998; 98US-0018736P.
PR 20-NOV-1998; 98US-0109304P.
PR 20-NOV-1998; 98WO-US024855.
PR 07-DEC-1998; 98US-00202054.
PR 22-DEC-1998; 98US-00218517.
PR 22-DEC-1998; 98US-0113296P.
PR 23-DEC-1998; 98US-0113621P.
PR 05-JAN-1999; 99WO-US000106.
PR 05-MAR-1999; 98US-00254465.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99US-00265686.
PR 12-MAR-1999; 99WO-US005190.
PR 12-MAR-1999; 99US-00267213.
PR 12-MAR-1999; 99US-0123957P.
PR 12-MAR-1999; 99US-0126773P.
PR 12-APR-1999; 99US-00284291.
PR 21-APR-1999; 99US-0130233P.
PR 26-APR-1999; 99US-0131022P.
PR 28-APR-1999; 99US-0131445P.
PR 14-MAY-1999; 99US-00311832.
PR 14-MAY-1999; 99US-00380137.
PR 14-MAY-1999; 99US-01342873.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 16-JUN-1999; 99US-0139557P.

PR 23-JUN-1999; 99US-0141037P.
PR 07-JUL-1999; 99US-0142680P.
PR 28-JUL-1999; 99US-0145698P.
PR 28-JUL-1999; 99US-0146222P.
PR 25-AUG-1999; 99US-00380138.
PR 25-AUG-1999; 99US-00380142.
PR 30-NOV-1999; 99WO-US028313.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028551.
PR 16-DEC-1999; 99WO-US030095.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 24-FEB-2000; 2000WO-US005004.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000US-00709238.
PR 27-NOV-2000; 2000US-00723749.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 28-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001WO-US006520.
PR 22-MAR-2001; 2001US-00816744.
PR 22-MAR-2001; 2001US-00816920.
PR 12-MAR-2001; 2001WO-US009552.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 30-JUL-2001; 2001US-00918585.
XX
PA (GETH ) GENENTECH INC.
XX

Query Match 100.0%; Score 1760; DB 7; Length 331;
Best Local Similarity 100.0%; Pred. No. 1.4e-160;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MENPSAAALGKALLIATLGAAGQPLGGESICSAAPAKYSITFTGKWSQTAFPKQY 60
Db 1 MENPSAAALGKALLIATLGAAGQPLGGESICSAAPAKYSITFTGKWSQTAFPKQY 60
QY 61 PLFRPPAOWSSLLGAHSSDYSMWKKNVSNGLRDFAEERGEAWALMKEIEAAGEALQSV 120
Db 61 PLFRPPAOWSSLLGAHSSDYSMWKKNVSNGLRDFAEERGEAWALMKEIEAAGEALQSV 120
QY 121 HEVFSAPAVPSGTGTSAELEVQRHSLVSFVVRIVPSDFVGVDSLDCDGRWREQA 180
Db 121 HEVFSAPAVPSGTGTSAELEVQRHSLVSFVVRIVPSDFVGVDSLDCDGRWREQA 180
QY 181 ALDLYPDAGTDSGTFSSPNFATIPQDVTVEITSSSPSHPANSFYPRLKALPPIARVT 240
Db 181 ALDLYPDAGTDSGTFSSPNFATIPQDVTVEITSSSPSHPANSFYPRLKALPPIARVT 240
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QY 241 LLRLRSPRAFIPAPVLPSPRDNIEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTS 300
Db 241 LLRLRSPRAFIPAPVLPSPRDNIEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTS 300
QY 301 RTRYRVQPANNGSPCPELEEEAECPDNCV 331
Db 301 RTRYRVQPANNGSPCPELEEEAECPDNCV 331

RESULT 38
ADG42587
ID ADG42587 standard; protein; 331 AA.
XX
AC ADG42587;
XX
DT 26-FEB-2004 (first entry)
DE Human extracellular matrix protein spondin 2 seq id 40.
XX
KW cytostatic; gene therapy; NOVX-agonist; NOVX-antagonist; pharmaceutical;
KW NOVX-associated disorder; cancer; human; spondin 2;
KW extracellular matrix protein.
XX
OS Homo sapiens.
XX
PN US2003204052-A1.
XX
PD 30-OCT-2003.
XX
PF 04-OCT-2001; 2001US-00970944.
XX
PR 04-OCT-2000; 2000US-0237862P.
XX
PA (HERR/) HERRMANN J L.
PA (RAST/) RASTELLI L.
PA (SHIM/) SHIMKETS R A.
XX
PI Hermmann JL, Rastelli L, Shimkets RA;
XX
DR WPI; 2003-900673/82.
XX
PT New NOVX gene or NOVX-specific antibody, useful for preparing a
PT composition for treating or preventing a NOVX-associated disorder, e.g.,
PT cancer.
XX
PS Disclosure; SEQ ID NO 40; 118pp; English.
XX
CC The invention describes a new isolated polypeptide comprising: a
CC polypeptide or its mature form comprising a sequence not given in the
CC specification; or a variant of (A), where one or more amino acid residues
CC in the variant differs in no more than 15% from the amino acid sequence
CC of the mature form. The pharmaceutical composition may be administered
CC via oral, transdermal, rectal or parenteral route. The polypeptide,
CC nucleic acid or antibody is useful for preparing a composition for
CC treating or preventing a NOVX-associated disorder, e.g., cancer. This is
CC the amino acid sequence of a transmembrane receptor homologue used in a
CC comparison with the novel human proteins of the invention.
XX
SQ Sequence 331 AA;

Query Match 100.0%; Score 1760; DB 7; Length 331;
Best Local Similarity 100.0%; Pred. No. 1.4e-160;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MENPSPAALGKCALLATLGAAGPLGGESICSRAPAKYSITFTGKWSQTAFPKQY 60
Db 1 MENPSPAALGKCALLATLGAAGPLGGESICSRAPAKYSITFTGKWSQTAFPKQY 60
QY 61 PLFRPPAQWSSLLGAHSHSDYSWMRNQYVNSGLRDFAEERGEAWALMKEIEAGEALQSV 120
Db 61 PLFRPPAQWSSLLGAHSHSDYSWMRNQYVNSGLRDFAEERGEAWALMKEIEAGEALQSV 120
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QY 121 HEVFSAPVPSGTGTSAELEVORRHSLVSFVVRIVPSPDWFVGVDSLDLDCDGRWEQA 180
Db 121 HEVFSAPVPSGTGTSAELEVORRHSLVSFVVRIVPSPDWFVGVDSLDLDCDGRWEQA 180
QY 181 ALDLYPYDAGTDSGFTFSSPNFATIPQDTVTEITSSSPSHPANSFYYPRLKALPPIARVT 240
Db 181 ALDLYPYDAGTDSGFTFSSPNFATIPQDTVTEITSSSPSHPANSFYYPRLKALPPIARVT 240
QY 241 LLRLRSPRAFIPAPVLPSPRDNIEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTS 300
Db 241 LLRLRSPRAFIPAPVLPSPRDNIEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTS 300
QY 301 RTRYRVQPANNGSPCPELEEEAECPDNCV 331
Db 301 RTRYRVQPANNGSPCPELEEEAECPDNCV 331

RESULT 39
ADG52833
ID ADG52833 standard; protein; 331 AA.
XX
AC ADG52833;
XX
DT 11-MAR-2004 (first entry)
DE Human secreted/transmembrane protein, PRO866.
XX
KW Human; secreted protein; transmembrane protein; PRO; cytostatic;
KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulneryary;
KW auditory; tumour growth; retinal disorder; sports-related joint problem;
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
KW wound healing; hearing loss.
XX
OS Homo sapiens.
XX
PN US2003216561-A1.
XX
PD 20-NOV-2003.
XX
PS 25-OCT-2001; 2001US-00013927.
XX
PR 17-OCT-1997; 97US-0062250P.
PR 03-NOV-1997; 97US-0064249P.
PR 13-NOV-1997; 97US-0065311P.
PR 21-NOV-1997; 97US-0066364P.
PR 10-MAR-1998; 98US-0077450P.
PR 11-MAR-1998; 98US-0077632P.
PR 11-MAR-1998; 98US-0077641P.
PR 11-MAR-1998; 98US-0077649P.
PR 12-MAR-1998; 98US-0077791P.
PR 13-MAR-1998; 98US-0078004P.
PR 20-MAR-1998; 98US-0078866P.
PR 20-MAR-1998; 98US-0078910P.
PR 20-MAR-1998; 98US-0078936P.
PR 20-MAR-1998; 98US-0078939P.
PR 25-MAR-1998; 98US-0079294P.
PR 26-MAR-1998; 98US-0079656P.
PR 27-MAR-1998; 98US-0079663P.
PR 27-MAR-1998; 98US-0079664P.
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PR 27-MAR-1998; 98US-0079728P.
PR 27-MAR-1998; 98US-0079786P.
PR 30-MAR-1998; 98US-0079920P.
PR 30-MAR-1998; 98US-0079923P.
PR 31-MAR-1998; 98US-0080105P.
PR 31-MAR-1998; 98US-0080194P.
PR 01-APR-1998; 98US-0080327P.
PR 01-APR-1998; 98US-0080328P.
PR 01-APR-1998; 98US-0080333P.
PR 01-APR-1998; 98US-0080334P.
PR 08-APR-1998; 98US-0081049P.
PR 08-APR-1998; 98US-0081070P.
PR 08-APR-1998; 98US-0081071P.
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Query Match	100.0%;	Score 1760;	DB 7;	Length 331;	
Best Local Similarity	100.0%;	Pred. No. 1.4e-160;			
Matches 331;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;	
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DB	1	MENPSPAAALGKALCALLATLGAAGQPLGGESIC SARAPAKYSITFTGKWSQTAPPKQY	60		
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DB	61	PLFRPPAQWSSLLGAHSSDYSMWRKNQVNSGLRDFAEGERAWALMKIEAAGEALQSV	120		
QY	121	HEVFSAPVPSGTGQTSAELEVQRHSLVSFVVRIVPSDFWVGVDSDLCDGDRWREQA	180		
DB	121	HEVFSAPVPSGTGQTSAELEVQRHSLVSFVVRIVPSDFWVGVDSDLCDGDRWREQA	180		
QY	181	ALDLYPDYDAGTDSGFTFSSPNFATIPQDVTETSSPSHPANSFYPRLKALPPIARVT	240		
DB	181	ALDLYPDYDAGTDSGFTFSSPNFATIPQDVTETSSPSHPANSFYPRLKALPPIARVT	240		
QY	181	ALDLYPDYDAGTDSGFTFSSPNFATIPQDVTETSSPSHPANSFYPRLKALPPIARVT	240		
DB	181	ALDLYPDYDAGTDSGFTFSSPNFATIPQDVTETSSPSHPANSFYPRLKALPPIARVT	240		
QY	241	LRLRQSPRAFIPAPVLPSPRNEIVDSASVPETPLDCEVLSWSSWGLCGHCGRLGTSK	300		
DB	241	LRLRQSPRAFIPAPVLPSPRNEIVDSASVPETPLDCEVLSWSSWGLCGHCGRLGTSK	300		
QY	301	RTRYVRVQPNANNGSPCPELEEEAECPDNCV	331		
DB	301	RTRYVRVQPNANNGSPCPELEEEAECPDNCV	331		
RESULT 40					
ADG60153					
ID	ADG60153	standard; protein; 331 AA.			
AC	ADG60153;				
XX					
DT	11-MAR-2004	(first entry)			
XX					
DE		Human secreted/transmembrane protein, PRO866.			
XX					
KW		Human; secreted protein; transmembrane protein; PRO; cytostatic;			
KW		ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnary;			
KW		auditory; tumour growth; retinal disorder; sports-related joint problem;			
KW		articular cartilage defects; osteoarthritis; rheumatoid arthritis;			
XX		wound healing; hearing loss.			
OS		Homo sapiens.			
XX					
PN	US2003206915-A1.				
XX					
PD	06-NOV-2003.				
XX					
PF	25-OCT-2001; 2001US-00013916.				
XX					
PR	29-APR-1998; 98US-0083554P.				
PR	08-MAR-1999; 99WO-US005028.				
PR	28-APR-1999; 99US-0131445P.				
PR	25-AUG-1999; 99US-00380138.				
PR	18-FEB-2000; 2000WO-US004341.				
PR	30-JUL-2001; 2001US-00918585.				
XX					
PA	(GETH) GENENTECH INC.				
XX					
PI	Ashkenazi AJ, Baker KP, Botstein D, Desnovers L, Eaton DL;				
PI	Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;				
PI	Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;				
PI	Kl javin IJ, Kuo SS, Napier MA, Fan J, Paoni NF, Roy WA, Shelton DL;				
PI	Stewart TA, Tumas D, Williams PM, Wood WI;				
XX					
XX					
DR	WPI; 2003-901034/82.				
DR	N-PSDB; ADG60152.				
XX					
PT		New secreted and transmembrane PRO polypeptides and nucleic acids, useful			

PT in gene therapy for treating obesity or diabetes, in chromosome and gene
PT mapping, and as chromosome markers in tissue typing.
XX Claim 12; SEQ ID NO 236; 520pp; English.
XX
CC The invention relates to an isolated PRO polypeptide (secreted or
CC transmembrane protein) having at least 80% amino acid sequence identity
CC to an amino acid sequence chosen from 94 fully defined sequences as given
CC in the specification (including PRO lacking its associated signal
CC peptide, a PRO extracellular domain with or without its associated signal
CC peptide). Also included are nucleic acids encoding the PRO proteins
CC mentioned above, a vector comprising a PRO nucleic acid, a host cell
CC comprising the vector and producing PRO, a chimaeric molecule comprising
CC PRO fused to a heterologous amino acid sequence, and an anti-PRO
CC antibody. PRO337 polypeptide is useful for detecting a PRO4993
CC polypeptide in a sample suspected of containing PRO4993 polypeptide.
CC Similarly, PRO4993 polypeptide is useful for detecting PRO337
CC polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting
CC PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting
CC PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a
CC bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive
CC molecule is the toxin, radiolabel, or an antibody. The bioactive molecule
CC causes death of the cell. PRO337 polypeptide is useful for linking a
CC bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,
CC PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule
CC to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is
CC useful for linking a bioactive molecule to a cell expressing PRO725,
CC PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337
CC polypeptide is useful for modulating at least one biological activity of
CC the cell expressing PRO337 polypeptide, where the cell is killed. PRO337
CC polypeptide or anti-PRO4993 polypeptide is useful for modulating the
CC biological activity of the cell expressing PRO4993 polypeptide; PRO725,
CC PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for
CC modulating the biological activity of the cell expressing PRO1559
CC polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-
CC PRO739 polypeptide is useful for modulating the biological activity of
CC the cell expressing PRO725, PRO700 or PRO739 polypeptide. The
CC polypeptides are useful for inhibiting tumour growth, retinal disorders,
CC sports-related joint problems, articular cartilage defects,
CC osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in
CC mammals. The present sequence represents a PRO protein.
XX
SQ Sequence 331 AA;

Query Match 100.0%; Score 1760; DB 7; Length 331;
Best Local Similarity 100.0%; Pred. No. 1.4e-160;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MENPSPAAALGKALCALLATLGAAGQPLGGESIC SARAPAKYSITFTGKWSQTAPPKQY 60
DB 1 MENPSPAAALGKALCALLATLGAAGQPLGGESIC SARAPAKYSITFTGKWSQTAPPKQY 60
QY 61 PLFRPPAQWSSLLGAHSSDYSMWRKNQVNSGLRDFAEGERAWALMKIEAAGEALQSV 120
DB 61 PLFRPPAQWSSLLGAHSSDYSMWRKNQVNSGLRDFAEGERAWALMKIEAAGEALQSV 120
QY 121 HEVFSAPVPSGTGQTSAELEVQRHSLVSFVVRIVPSDFWVGVDSDLCDGDRWREQA 180
DB 121 HEVFSAPVPSGTGQTSAELEVQRHSLVSFVVRIVPSDFWVGVDSDLCDGDRWREQA 180
QY 181 ALDLYPDYDAGTDSGFTFSSPNFATIPQDVTETSSPSHPANSFYPRLKALPPIARVT 240
DB 181 ALDLYPDYDAGTDSGFTFSSPNFATIPQDVTETSSPSHPANSFYPRLKALPPIARVT 240
QY 241 LRLRQSPRAFIPAPVLPSPRNEIVDSASVPETPLDCEVLSWSSWGLCGHCGRLGTSK 300
DB 241 LRLRQSPRAFIPAPVLPSPRNEIVDSASVPETPLDCEVLSWSSWGLCGHCGRLGTSK 300
QY 301 RTRYVRVQPNANNGSPCPELEEEAECPDNCV 331
DB 301 RTRYVRVQPNANNGSPCPELEEEAECPDNCV 331

RESULT 41
AD160913
ID AD160913 standard; protein; 331 AA.
XX
AC AD160913;
XX
DT 22-APR-2004 (first entry)
XX
DE Human secreted/transmembrane protein, PRO866.
XX
KW Human; secreted protein; transmembrane protein; PRO; cytostatic;
KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnery;
KW auditory; tumour growth; retinal disorder; sports-related joint problem;
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
KW wound healing; hearing loss.
XX
OS Homo sapiens.
XX
PN US200307700-A1.
XX
PD 24-APR-2003.
XX
XX 24-OCT-2001; 2001US-00999830.
XX
XX 17-OCT-1997; 97US-0062250P.
PR 03-NOV-1997; 97US-0064249P.
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PR 21-NOV-1997; 97US-0066364P.
PR 10-MAR-1998; 98US-0077450P.
PR 11-MAR-1998; 98US-0077632P.
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PR 23-APR-1998; 98US-0082796P.

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PR 26-JUN-1998; 98US-0090863P.
PR 26-JUN-1998; 98US-0091010P.
PR 01-JUL-1998; 98US-0091359P.
PR 30-JUL-1998; 98US-0094651P.
PR 11-SEP-1998; 98US-0100038P.
PR 07-OCT-1998; 98WO-US021141.
PR 20-NOV-1998; 98US-0109304P.
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PR 22-DEC-1998; 98US-0113296P.
PR 23-DEC-1998; 98US-0113621P.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 12-MAR-1999; 99US-0123957P.
PR 29-MAR-1999; 99US-0126773P.
PR 21-APR-1999; 99US-0130232P.
PR 26-APR-1999; 99US-0131022P.
PR 28-APR-1999; 99US-0131445P.
PR 14-MAY-1999; 99US-0134287P.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 16-JUN-1999; 99US-0139557P.
PR 23-JUN-1999; 99US-0141037P.
PR 07-JUL-1999; 99US-0142680P.
PR 26-JUL-1999; 99US-0145698P.
PR 28-JUL-1999; 99US-0146222P.
PR 29-OCT-1999; 99US-0162506P.
PR 30-NOV-1999; 99WO-US028313.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 30-DEC-1999; 99WO-US031243.


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PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US0003565.
PR 18-FEB-2000; 2000WO-US0004341.
PR 24-FEB-2000; 2000WO-US0005004.
PR 02-MAR-2000; 2000WO-US0005841.
PR 10-MAR-2000; 2000WO-US0006319.
PR 21-MAR-2000; 2000WO-US0007532.
PR 30-MAR-2000; 2000WO-US0008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 24-AUG-2000; 2000WO-US023328.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001WO-US034956.
PR 22-MAR-2001; 2001WO-US009552.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001WO-US017800.
PR 20-JUN-2001; 2001WO-US019692.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 30-JUL-2001; 2001US-00918585.
XX
XX (GETH ) GENENTECH INC.
PA
XX Ashkenazi AJ, Baker KP, Botstein D, Deanoyers L, Eaton DL;
PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
PI Goddard A, Godowski PJ, Gurney AL, Hillan KJ;
PI Kijavini IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
PI Stewart TA, Tumas D, Williams PM, Wood WI;
XX
XX WPI: 2003-765401/72.
DR N-PSDB; AD160912.
XX
XX New isolated PRO polypeptide e.g. PRO200, PRO322, PRO540, PRO846 or
PT PRO617 polypeptide, useful for treating sight loss due to retinitis
PT pigmentosum by enhancing retinal neural cells survival.
XX
XX Claim 12; SEQ ID NO 236; 465pp; English.
XX
XX The invention relates to an isolated PRO polypeptide (secreted or
CC transmembrane protein) having at least 80% amino acid sequence identity
CC to an amino acid sequence chosen from 94 fully defined sequences as given
CC in the specification (including PRO lacking its associated signal
CC peptide, a PRO extracellular domain with or without its associated signal
CC peptide). Also included are nucleic acids encoding the PRO proteins
CC mentioned above, a vector comprising a PRO nucleic acid, a host cell
CC comprising the vector and producing PRO, a chimeric molecule comprising
CC PRO fused to a heterologous amino acid sequence, and an anti-PRO
CC antibody. PRO337 polypeptide is useful for detecting a PRO4993
CC polypeptide in a sample suspected of containing PRO4993 polypeptide.

Query Match 100.0%; Score 1760; DB 7; Length 331;
Best Local Similarity 100.0%; Pred. No. 1.4e-160;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MENPSPAALGKALCALLATLGAAGQPLGGESIC SARAPAKYSITFTGKWSQTAPPKQY 60
DB 1 MENPSPAALGKALCALLATLGAAGQPLGGESIC SARAPAKYSITFTGKWSQTAPPKQY 60
QY 61 PLFRPPAQQSSLLGAHSSDYSWMRNQVYNSGLRDFAEERGEAWALMKIEAAGEALQSV 120
DB 61 PLFRPPAQQSSLLGAHSSDYSWMRNQVYNSGLRDFAEERGEAWALMKIEAAGEALQSV 120
QY 121 HEVFSAPAVPSGTGQTSAELEVVQRHSLVSFVRIIVPSDFWFGVDSLDLDCGDRWREQA 180
DB 121 HEVFSAPAVPSGTGQTSAELEVVQRHSLVSFVRIIVPSDFWFGVDSLDLDCGDRWREQA 180

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29-JUN-2001; 2001WO-US021066.
 09-JUL-2001; 2001WO-US021735.
 30-JUL-2001; 2001US-00918585.
 (GETH) GENENTECH INC.
 Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL,
 Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME,
 Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ,
 Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL,
 Stewart TA, Tumas D, Williams PM, Wood WI,
 WPI; 2004-008994/01.
 DR N-PSDB; ADE48569.
 XX
 New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO4993 or
 PRO337, useful in molecular biology, chromosome and gene mapping, in
 generating antisense RNA and DNA, and in gene therapy.
 PS
 Claim 12; SEQ ID NO 236; 460pp; English.
 XX
 The invention relates to an isolated PRO polypeptide (secreted or
 transmembrane protein) having at least 80% amino acid sequence identity
 to an amino acid sequence chosen from 94 fully defined sequences as given
 in the specification (including PRO lacking its associated signal
 peptide, a PRO extracellular domain with or without its associated signal
 peptide). Also included are nucleic acids encoding the PRO proteins
 mentioned above, a vector comprising a PRO nucleic acid, a host cell
 comprising the vector and producing PRO, a chimeric molecule comprising
 PRO fused to a heterologous amino acid sequence, and an anti-PRO
 antibody. PRO337 polypeptide is useful for detecting a PRO4993
 polypeptide in a sample suspected of containing PRO4993 polypeptide.
 Similarly, PRO4993 polypeptide is useful for detecting PRO337
 polypeptide, PRO700 or PRO739 polypeptide is useful for detecting
 PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting
 PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a
 bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive
 molecule is the toxin, radiolabel, or an antibody. The bioactive molecule
 causes death of the cell. PRO337 polypeptide is useful for linking a
 bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,
 PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule
 to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is
 useful for linking a bioactive molecule to a cell expressing PRO725,
 PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337
 polypeptide is useful for modulating at least one biological activity of
 the cell expressing PRO337 polypeptide, where the cell is killed. PRO337
 polypeptide or anti-PRO4993 polypeptide is useful for modulating the
 biological activity of the cell expressing PRO4993 polypeptide; PRO725,
 PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for
 modulating the biological activity of the cell expressing PRO1559
 polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-
 PRO739 polypeptide is useful for modulating the biological activity of
 the cell expressing PRO725, PRO700 or PRO739 polypeptide. The
 polypeptides are useful for inhibiting tumour growth, retinal disorders,
 sports-related joint problems, articular cartilage defects,
 osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in
 mammals. The present sequence represents a PRO protein.
 XX
 Sequence 331 AA;
 XX
 Query Match
 Best Local Similarity 100.0%; Score 1760; DB 8; Length 331;
 Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 MENPSAALGKALCALLATIGAGCPLGGISCSARAPAKYSITFTGKWSQTAPPKQY 60
 DB 1 MENPSAALGKALCALLATIGAGCPLGGISCSARAPAKYSITFTGKWSQTAPPKQY 60
 QY 61 PLFRPPAOWSSLLGAHSSDYSNWRKNQVYNGLRDFAERGEAWALMKIEAAGEALQSV 120
 DB 61 PLFRPPAOWSSLLGAHSSDYSNWRKNQVYNGLRDFAERGEAWALMKIEAAGEALQSV 120
 QY 121 HEVFSAPAVPSGTGTSAELEVQRHSLVSFVVRIVPSPDFVGVDSLDLDCGDRWREGA 180

Db 121 HEVFSAPAVPSGTGTSAELEVQRHSLVSFVVRIVPSPDFVGVDSLDLDCGDRWREGA 180
 QY 181 ALDLYPYDAGTDSGFTFSSPNFATIPQDTVTVEITSSSPSHPANSFYPRLKALPPIARTV 240
 Db 181 ALDLYPYDAGTDSGFTFSSPNFATIPQDTVTVEITSSSPSHPANSFYPRLKALPPIARTV 240
 QY 241 LLRLQSPRAFPAPVLPSPRDNEIVDSASVPETPLDCEVLSWSSWGLCGHCGHGLGTSK 300
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 Db 301 RTRYRVQPANNGSPCELEEEAEACVPDNCV 331
 RESULT 43
 ADE89671
 ID ADE89671 standard; protein; 331 AA.
 XX
 AC ADE89671;
 XX
 DT 29-JAN-2004 (first entry)
 XX
 DE Human secreted/transmembrane protein, PRO866.
 XX
 KW Human; secreted protein; transmembrane protein; PRO; cytostatic;
 KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnerary;
 KW auditory; tumour growth; retinal disorder; sports-related joint problem;
 KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
 KW wound healing; hearing loss.
 XX
 OS Homo sapiens.
 XX
 PN US2003130181-A1.
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 PD 10-JUL-2003.
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 PF 16-OCT-2001; 2001US-00978375.
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 PR 03-NOV-1997; 97US-0064249P.
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 PR 21-NOV-1997; 97US-0066364P.
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PR 05-JAN-1999; 98US-0113296P.
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PR 10-MAR-1999; 98US-0123957P.
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PR 29-MAR-1999; 98US-0126773P.
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PR 26-APR-1999; 99US-0131022P.
PR 28-APR-1999; 99US-0131445P.
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PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 02-JUN-1999; 99US-0139557P.
PR 23-JUN-1999; 99US-0141037P.
PR 07-JUL-1999; 99US-0142680P.
PR 26-JUL-1999; 99US-0145698P.
PR 28-JUL-1999; 99US-0146222P.
PR 29-OCT-1999; 99US-0162506P.
PR 30-NOV-1999; 99WO-US028313.
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PR 02-DEC-1999; 99WO-US028551.
PR 16-DEC-1999; 99WO-US030095.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 24-FEB-2000; 2000WO-US005004.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 24-AUG-2000; 2000WO-US023328.
PR 01-DEC-2000; 2000WO-US02678.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001WO-US006520.
PR 22-MAR-2001; 2001WO-US009552.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001WO-US017800.
PR 20-JUN-2001; 2001WO-US019692.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 30-JUL-2001; 2001US-00918585.
XX (ASHK/) ASHENAZI A J.
PA (BAKE/) BAKER K P.
PA (BOTS/) BOTSTEIN D.
PA (DESN/) DESNOYERS L.
PA (EATO/) EATON D L.
PA (FERR/) FERRARA N.
PA (FILV/) FILVAROFF E.
PA (FONG/) FONG S.
PA (GAOW/) GAO W.
PA (GERB/) GERBER H.
PA (GERR/) GERRITSEN M E.
PA (GODD/) GODDARD A.
PA (GODO/) GODOWSKI P J.
PA (GIRM/) GIRMALDI J C.
PA (GURN/) GURNEY A L.
PA (HILL/) HILLAN K J.
PA (KLJA/) KLJAVIN I J.
PA (KUOS/) KUO S S.
PA (NAPI/) NAPIER M A.
PA (PANJ/) PAN J.
PA (PAON/) PAONI N F.
PA (ROYM/) ROY M A.
PA (SHEL/) SHELTON D L.
PA (STEW/) STEWART T A.
PA (TUNA/) TUNAS D.
PA (WILL/) WILLIAMS P M.
PA (WOOD/) WOOD W I.

Query Match		100.0%; Score 1760; DB 8; Length 331;
Best Local Similarity		100.0%; Pred. No. 1.4e-160;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;		
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Qy	61	PLFRPPAQNSSLGAHSSDYSMWRKNQVNSGLRDFAEERGEAWALMKIEIAAGEALQSV 120
Db	61	PLFRPPAQNSSLGAHSSDYSMWRKNQVNSGLRDFAEERGEAWALMKIEIAAGEALQSV 120
Qy	121	HEVFSAPVPSGTGQTSABLEVQRHSLVSFVVRIVPSDFWFGVDSLDLDCDGRWREQA 180
Db	121	HEVFSAPVPSGTGQTSABLEVQRHSLVSFVVRIVPSDFWFGVDSLDLDCDGRWREQA 180
Qy	181	ALDLIPYDAGTSGTFFSSPNFATIPQDTVTITSSSPHPANSFYPRLKALPPTIARTV 240
Db	181	ALDLIPYDAGTSGTFFSSPNFATIPQDTVTITSSSPHPANSFYPRLKALPPTIARTV 240
Qy	241	LLRLQSPRAFIPAPVLPSPRNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTGS 300
Db	241	LLRLQSPRAFIPAPVLPSPRNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTGS 300
Qy	301	RTRYRVQPNANGSPCPELEEEAECPDNCV 331
Db	301	RTRYRVQPNANGSPCPELEEEAECPDNCV 331

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PR	30-MAR-1998;	98US-0079923P.
PR	31-MAR-1998;	98US-0080105P.
PR	31-MAR-1998;	98US-0080107P.
PR	31-MAR-1998;	98US-0080165P.
PR	31-MAR-1998;	98US-0080194P.
PR	01-APR-1998;	98US-0080327P.
PR	01-APR-1998;	98US-0080328P.
PR	01-APR-1998;	98US-0080333P.
PR	01-APR-1998;	98US-0080334P.
PR	08-APR-1998;	98US-0081049P.
PR	08-APR-1998;	98US-0081070P.
PR	08-APR-1998;	98US-0081071P.
PR	09-APR-1998;	98US-0081195P.
PR	09-APR-1998;	98US-0081203P.
PR	09-APR-1998;	98US-0081229P.
PR	15-APR-1998;	98US-0081817P.
PR	15-APR-1998;	98US-0081819P.
PR	15-APR-1998;	98US-0081838P.
PR	15-APR-1998;	98US-0081952P.
PR	15-APR-1998;	98US-0081955P.
PR	15-APR-1998;	98US-0082568P.
PR	21-APR-1998;	98US-0082569P.
PR	22-APR-1998;	98US-0082700P.
PR	22-APR-1998;	98US-0082704P.
PR	22-APR-1998;	98US-0082797P.
PR	22-APR-1998;	98US-0082804P.
PR	23-APR-1998;	98US-0082796P.
PR	27-APR-1998;	98US-0083336P.
PR	28-APR-1998;	98US-0083322P.
PR	29-APR-1998;	98US-0083392P.
PR	29-APR-1998;	98US-0083495P.
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PR	29-APR-1998;	98US-0083559P.
PR	30-APR-1998;	98US-0083742P.
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PR	06-MAY-1998;	98US-0084414P.
PR	06-MAY-1998;	98US-0084441P.
PR	07-MAY-1998;	98US-0084598P.
PR	07-MAY-1998;	98US-0084600P.
PR	07-MAY-1998;	98US-0084627P.
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PR	07-MAY-1998;	98US-0084640P.
PR	07-MAY-1998;	98US-0084643P.
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PR	13-MAY-1998;	98US-0085338P.
PR	13-MAY-1998;	98US-0085339P.
PR	15-MAY-1998;	98US-0085573P.
PR	15-MAY-1998;	98US-0085579P.
PR	15-MAY-1998;	98US-0085580P.
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PR	15-MAY-1998;	98US-0085697P.
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PR	18-MAY-1998;	98US-0085704P.
PR	22-MAY-1998;	98US-0086023P.
PR	22-MAY-1998;	98US-0086392P.
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PR	22-MAY-1998;	98US-0086430P.
PR	22-MAY-1998;	98US-0086486P.
PR	28-MAY-1998;	98US-0087098P.
PR	28-MAY-1998;	98US-0087106P.
PR	28-MAY-1998;	98US-0087208P.
PR	26-JUN-1998;	98US-0090863P.
PR	26-JUN-1998;	98US-0091010P.
PR	01-JUL-1998;	98US-0091359P.

RESULT 44

ADF61311

ID ADF61311 standard; protein; 331 AA.

AC ADF61311;

XX XX

DT 12-FEB-2004 (first entry)

XX

DE Human secreted/transmembrane protein, PRO866.

DE

DE Human; secreted protein; transmembrane protein; PRO; cytostatic;

KW ophthalmological; anarthritic; osteopathic; antirheumatic; vulnerary;

KW auditory; tumour growth; retinal disorder; sports-related joint problem;

KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;

KW wound healing; hearing loss.

XX

OS Homo sapiens.

XX

XX US2003195345-A1.

PN

PD

PD 16-OCT-2003.

XX

PF

PF 21-OCT-2001; 2001US-00013922.

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XX 17-OCT-1997; 97US-0062250P.

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PR 03-NOV-1997; 97US-0064249P.

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PR 13-NOV-1997; 97US-0065311P.

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PR 11-MAR-1998; 98US-0077632P.

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PR 25-MAR-1998; 98US-0079294P.

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PR 26-JUN-1998; 98US-00105413.
PR 26-JUN-1998; 98US-0090863P.
PR 26-JUN-1998; 98US-0091010P.
PR 01-JUL-1998; 98US-0091359P.
PR 30-JUL-1998; 98US-0094651P.
PR 11-SEP-1998; 98US-0100038P.
PR 07-OCT-1998; 98US-00168978.
PR 07-OCT-1998; 98WO-US021141.
PR 02-NOV-1998; 98US-00184216.
PR 06-NOV-1998; 98US-00187368.
PR 20-NOV-1998; 98US-0109304P.
PR 20-NOV-1998; 98WO-US024855.
PR 07-DEC-1998; 98US-00202054.
PR 22-DEC-1998; 98US-00218517.
PR 22-DEC-1998; 98US-0113296P.
PR 23-DEC-1998; 98US-0113621P.
PR 05-JAN-1999; 99WO-US000106.
PR 05-MAR-1999; 98US-00254465.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99US-00265686.
PR 10-MAR-1999; 99WO-US005190.
PR 12-MAR-1999; 99US-00267213.
PR 12-MAR-1999; 99US-0123957P.
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PR 12-APR-1999; 99US-00284291.
PR 21-APR-1999; 99US-0130232P.
PR 26-APR-1999; 99US-0131022P.
PR 28-APR-1999; 99US-0131445P.
PR 14-MAY-1999; 99US-00311832.
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PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 16-JUN-1999; 99US-0139557P.
PR 23-JUN-1999; 99US-0141037P.
PR 07-JUL-1999; 98US-0142680P.
PR 26-JUL-1999; 99US-0145698P.
PR 28-JUL-1999; 99US-0146222P.
PR 25-AUG-1999; 99US-00380138.
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PR 29-OCT-1999; 99US-0162506P.
PR 30-NOV-1999; 99WO-US028313.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 24-FEB-2000; 2000WO-US005004.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.

PR	24-AUG-2000;	2000WO-US023328.	PR	24-AUG-2000;	2000WO-US023328.
PR	08-NOV-2000;	2000US-00709238.	PR	08-NOV-2000;	2000US-00709238.
PR	27-NOV-2000;	2000US-00723749.	PR	27-NOV-2000;	2000US-00723749.
PR	01-DEC-2000;	2000WO-US032678.	PR	01-DEC-2000;	2000WO-US032678.
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PR	22-MAR-2001;	2001US-00816744.	PR	22-MAR-2001;	2001US-00816744.
PR	22-MAR-2001;	2001US-00816920.	PR	22-MAR-2001;	2001US-00816920.
PR	10-MAY-2001;	2001US-00854208.	PR	10-MAY-2001;	2001US-00854208.
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PR	25-MAY-2001;	2001WO-US017092.	PR	25-MAY-2001;	2001WO-US017092.
PR	01-JUN-2001;	2001US-00872035.	PR	01-JUN-2001;	2001US-00872035.
PR	05-JUN-2001;	2001WO-US017800.	PR	05-JUN-2001;	2001WO-US017800.
PR	05-JUN-2001;	2001US-00874503.	PR	05-JUN-2001;	2001US-00874503.
PR	14-JUN-2001;	2001US-00882636.	PR	14-JUN-2001;	2001US-00882636.
PR	19-JUN-2001;	2001US-00886342.	PR	19-JUN-2001;	2001US-00886342.
PR	20-JUN-2001;	2001WO-US019692.	PR	20-JUN-2001;	2001WO-US019692.
PR	29-JUN-2001;	2001WO-US021066.	PR	29-JUN-2001;	2001WO-US021066.
PR	09-JUL-2001;	2001WO-US021735.	PR	09-JUL-2001;	2001WO-US021735.
PR	30-JUL-2001;	2001US-00918585.	PR	30-JUL-2001;	2001US-00918585.
XX			XX		
PA	(GETH)	GENENTECH INC.	PA	(GETH)	GENENTECH INC.
XX			XX		
Query Match 100.0%; Score 1760; DB 8; Length 331;					
Best Local Similarity 100.0%; Pred. No. 1.4e-160;					
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;					
Qy	1	MENPSPAALGKALCALLATLGAACQPLGGESIC	SARAPAKYSITFTGKWSOTAPPKQY	60	
Db	1	MENPSPAALGKALCALLATLGAACQPLGGESIC	SARAPAKYSITFTGKWSOTAPPKQY	60	
Qy	61	PLFRPPAQNSSLGAAHSSDYSMWRKNQVNSGLR	DFAEERGEAWALMKEIEAAGEALQSV	120	
Db	61	PLFRPPAQNSSLGAAHSSDYSMWRKNQVNSGLR	DFAEERGEAWALMKEIEAAGEALQSV	120	
Qy	121	HEVFSAPAVPGTQTSABLEVQRHSLVSFVVRIV	PSDFWFGVDSLDLDCGDRWREGA	180	
Db	121	HEVFSAPAVPGTQTSABLEVQRHSLVSFVVRIV	PSDFWFGVDSLDLDCGDRWREGA	180	
Qy	181	ALDLVPYDAGTSGFTFSSPNFATIQDVTTEITSS	SPSHPANSFYYPRLKALPPIARTVT	240	
Db	181	ALDLVPYDAGTSGFTFSSPNFATIQDVTTEITSS	SPSHPANSFYYPRLKALPPIARTVT	240	
Qy	241	LLRLRQSPRAFIPPAVLPFSRDNIEIVDSASVP	ETPLDCEVSLWSSWGLCGHCGRLGTS	300	
Db	241	LLRLRQSPRAFIPPAVLPFSRDNIEIVDSASVP	ETPLDCEVSLWSSWGLCGHCGRLGTS	300	
Qy	301	RTRYVRVQPNNGSPCPPELEEEACVPDNCV	331		
Db	301	RTRYVRVQPNNGSPCPPELEEEACVPDNCV	331		
RESULT 46					
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AC	ADP45799;				
XX					
DT	12-FEB-2004 (first entry)				
XX					
DE	Human secreted/transmembrane protein, PRO866.				
XX					
KW	Human; secreted protein; transmembrane protein; PRO; cytostatic;				
KW	ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnery;				
KW	auditory; tumour growth; retinal disorder; sports-related joint problem;				
KW	articular cartilage defects; osteoarthritis; rheumatoid arthritis;				
XX	wound healing; hearing loss.				
OS	Homo sapiens.				
XX					

PN	US2003195148-A1.
XX	
PD	16-OCT-2003.
XX	
PF	16-OCT-2001; 2001US-00978681.
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PR	17-OCT-1997; 97US-0062250P.
PR	03-NOV-1997; 97US-0064249P.
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PR	10-MAR-1998; 98US-0077450P.
PR	11-MAR-1998; 98US-0077632P.
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PR	15-APR-1998; 98US-0081838P.
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PR	15-APR-1998; 98US-0081955P.
PR	21-APR-1998; 98US-0082568P.
PR	21-APR-1998; 98US-0082569P.
PR	22-APR-1998; 98US-0082700P.
PR	22-APR-1998; 98US-0082704P.
PR	22-APR-1998; 98US-0082797P.
PR	23-APR-1998; 98US-0082804P.
PR	23-APR-1998; 98US-0082796P.
PR	27-APR-1998; 98US-0083336P.
PR	28-APR-1998; 98US-0083322P.
PR	29-APR-1998; 98US-0083392P.
PR	29-APR-1998; 98US-0083495P.
PR	29-APR-1998; 98US-0083496P.
PR	29-APR-1998; 98US-0083499P.
PR	29-APR-1998; 98US-0083500P.
PR	29-APR-1998; 98US-0083545P.
PR	29-APR-1998; 98US-0083554P.
PR	29-APR-1998; 98US-0083558P.
PR	29-APR-1998; 98US-0083559P.
PR	30-APR-1998; 98US-0083742P.
PR	05-MAY-1998; 98US-0084366P.
PR	06-MAY-1998; 98US-0084414P.
PR	06-MAY-1998; 98US-0084441P.
PR	07-MAY-1998; 98US-0084598P.
PR	07-MAY-1998; 98US-0084600P.

PR 07-MAY-1998;	98US-0084527P.	PR 06-JAN-2000;	200WO-US000376.
PR 07-MAY-1998;	98US-0084637P.	PR 11-FEB-2000;	200WO-US00356S.
PR 07-MAY-1998;	98US-0084639P.	PR 18-FEB-2000;	200WO-US004341.
PR 07-MAY-1998;	98US-0084640P.	PR 24-FEB-2000;	200WO-US005004.
PR 07-MAY-1998;	98US-0084643P.	PR 02-MAR-2000;	200WO-US005841.
PR 13-MAY-1998;	98US-0085223P.	PR 10-MAR-2000;	200WO-US006319.
PR 13-MAY-1998;	98US-0085338P.	PR 21-MAR-2000;	200WO-US007532.
PR 13-MAY-1998;	98US-0085339P.	PR 30-MAR-2000;	200WO-US008439.
PR 15-MAY-1998;	98US-0085573P.	PR 17-MAY-2000;	200WO-US01370S.
PR 15-MAY-1998;	98US-0085579P.	PR 22-MAY-2000;	200WO-US014042.
PR 15-MAY-1998;	98US-0085580P.	PR 30-MAY-2000;	200WO-US014941.
PR 15-MAY-1998;	98US-0085582P.	PR 02-JUN-2000;	200WO-US015264.
PR 15-MAY-1998;	98US-0085589P.	PR 28-JUL-2000;	200WO-US020710.
PR 15-MAY-1998;	98US-0085697P.	PR 24-AUG-2000;	200WO-US023328.
PR 15-MAY-1998;	98US-0085700P.	PR 08-NOV-2000;	2000US-00709238.
PR 15-MAY-1998;	98US-0085704P.	PR 27-NOV-2000;	2000US-00723749.
PR 18-MAY-1998;	98US-0086023P.	PR 01-DEC-2000;	200WO-US032678.
PR 22-MAY-1998;	98US-0086392P.	PR 20-DEC-2000;	2000US-00747259.
PR 22-MAY-1998;	98US-0086414P.	PR 20-DEC-2000;	200WO-US034956.
PR 22-MAY-1998;	98US-0086430P.	PR 28-FEB-2001;	2001WO-US006520.
PR 22-MAY-1998;	98US-0086486P.	PR 22-MAR-2001;	2001US-00816744.
PR 28-MAY-1998;	98US-0087098P.	PR 22-MAR-2001;	2001US-00816920.
PR 28-MAY-1998;	98US-0087106P.	PR 22-MAR-2001;	2001WO-US009552.
PR 28-MAY-1998;	98US-0087208P.	PR 10-MAY-2001;	2001US-00854208.
PR 26-JUN-1998;	98US-00105413.	PR 10-MAY-2001;	2001US-00854280.
PR 26-JUN-1998;	98US-0090863P.	PR 25-MAY-2001;	2001WO-US017092.
PR 26-JUN-1998;	98US-0091010P.	PR 01-JUN-2001;	2001US-00872035.
PR 01-JUL-1998;	98US-0091359P.	PR 01-JUN-2001;	2001WO-US017800.
PR 30-JUL-1998;	98US-0094651P.	PR 05-JUN-2001;	2001US-00874503.
PR 11-SEP-1998;	98US-0100038P.	PR 14-JUN-2001;	2001US-00882636.
PR 07-OCT-1998;	98US-00168978.	PR 19-JUN-2001;	2001US-00886342.
PR 07-OCT-1998;	98US-00202054.	PR 20-JUN-2001;	2001WO-US019692.
PR 02-NOV-1998;	98US-00184216.	PR 29-JUN-2001;	2001WO-US021066.
PR 06-NOV-1998;	98US-00187368.	PR 09-JUL-2001;	2001WO-US021735.
PR 20-NOV-1998;	98US-0103040P.	PR 30-JUL-2001;	2001US-00918585.
PR 20-NOV-1998;	98WO-US024855.	XX	
PR 07-DEC-1998;	98US-00202054.	XX	
PR 22-DEC-1998;	98US-00218517.		
PR 23-DEC-1998;	98US-0113296P.		
PR 05-JAN-1999;	98US-0113621P.		
PR 05-JAN-1999;	98WO-US000106.		
PR 08-MAR-1999;	99US-0025446S.		
PR 10-MAR-1999;	99WO-US005028.		
PR 10-MAR-1999;	99US-00265686.		
PR 12-MAR-1999;	99WO-US005190.		
PR 12-MAR-1999;	99US-00267213.		
PR 12-MAR-1999;	99US-0123957P.		
PR 29-MAR-1999;	99US-0126773P.		
PR 12-APR-1999;	99US-00284291.		
PR 21-APR-1999;	99US-0130232P.		
PR 26-APR-1999;	99US-0131022P.		
PR 28-APR-1999;	99US-0131445P.		
PR 14-MAY-1999;	99US-00311832.		
PR 14-MAY-1999;	99US-00380137.		
PR 14-MAY-1999;	99US-0134287P.		
PR 14-MAY-1999;	99WO-US010733.		
PR 02-JUN-1999;	99WO-US012252.		
PR 16-JUN-1999;	99US-0139557P.		
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PR 07-JUL-1999;	99US-0142680P.		
PR 26-JUL-1999;	99US-0145698P.		
PR 28-JUL-1999;	99US-0146222P.		
PR 25-AUG-1999;	99US-00380138.		
PR 25-AUG-1999;	99US-00380142.		
PR 29-OCT-1999;	99US-0162506P.		
PR 30-NOV-1999;	99WO-US028313.		
PR 02-DEC-1999;	99WO-US028551.		
PR 02-DEC-1999;	99WO-US028565.		
PR 16-DEC-1999;	99WO-US030095.		
PR 30-DEC-1999;	99WO-US031243.		
PR 30-DEC-1999;	99WO-US031274.		
PR 05-JAN-2000;	200WO-US000219.		
PR 06-JAN-2000;	200WO-US000277.		
Query Match 100.0%; Score 1760; DB 8; Length 331;			
Best Local Similarity 100.0%; Pred. No. 1.4e-160; Mismatches 0; Indels 0; Gaps 0;			
Matches 331; Conservative 0;			
Qy	1	MENPSAALGKALCALLLATIAGAGQPLGGESICSAAPAKYSITFTCKWSQTAPPKQY	60
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Qy	61	PLFRPPAOWSLLGAAHSSDYMMKKNQYVNSGLRDFPAERGEAWALMKEIEAAGALQSV	120
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Qy	121	HEVFSAPAVPSGTGOTSAAELVQRHSLVSFVVRIVPSDFWGVDSLDLCGDRWEOA	180
Db	121	HEVFSAPAVPSGTGOTSAAELVQRHSLVSFVVRIVPSDFWGVDSLDLCGDRWEOA	180
Qy	181	ALDLYPYDAGTDSGFTFSSPNPATIPQDTVTTEITSSSPSHPANSFYPRLKALPIARTV	240
Db	181	ALDLYPYDAGTDSGFTFSSPNPATIPQDTVTTEITSSSPSHPANSFYPRLKALPIARTV	240
Qy	241	LLRLQSPRAFIPPAVLPSPRDNEIVDSASVPETPLDCVSLWSSWGLCGGHCGRIGTKS	300
Db	241	LLRLQSPRAFIPPAVLPSPRDNEIVDSASVPETPLDCVSLWSSWGLCGGHCGRIGTKS	300
Qy	301	RTRYRVQPANNNGSPCELEEEACVPDNCV	331
Db	301	RTRYRVQPANNNGSPCELEEEACVPDNCV	331
RESULT 47			
ADF24195			
ID	ADF24195 standard; protein; 331 AA.		
XX			
AC	ADF24195;		

XX 12-FEB-2004 (first entry)
 DT Human secreted/transmembrane protein, PRO866.
 DE
 DE
 XX
 KW Human; secreted protein; transmembrane protein; PRO; cytostatic;
 KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnery;
 KW auditory; tumour growth; retinal disorder; sports-related joint problem;
 KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
 KW wound healing; hearing loss.
 XX
 OS Homo sapiens.
 XX
 PN US2003204055-A1.
 XX
 PD 30-OCT-2003.
 XX
 PF 24-OCT-2001; 2001US-00017085.
 XX
 PR 17-OCT-1997; 97US-0062250P.
 PR 13-NOV-1997; 97US-0064249P.
 PR 21-NOV-1997; 97US-0065311P.
 PR 10-MAR-1998; 98US-0066364P.
 PR 11-MAR-1998; 98US-0077450P.
 PR 11-MAR-1998; 98US-0077632P.
 PR 11-MAR-1998; 98US-0077641P.
 PR 11-MAR-1998; 98US-0077649P.
 PR 12-MAR-1998; 98US-0077791P.
 PR 13-MAR-1998; 98US-0078004P.
 PR 20-MAR-1998; 98US-0078886P.
 PR 20-MAR-1998; 98US-0078910P.
 PR 20-MAR-1998; 98US-0078936P.
 PR 20-MAR-1998; 98US-0078939P.
 PR 25-MAR-1998; 98US-0079294P.
 PR 26-MAR-1998; 98US-0079656P.
 PR 27-MAR-1998; 98US-0079663P.
 PR 27-MAR-1998; 98US-0079664P.
 PR 27-MAR-1998; 98US-0079689P.
 PR 27-MAR-1998; 98US-0079728P.
 PR 30-MAR-1998; 98US-0079786P.
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 PR 31-MAR-1998; 98US-0079923P.
 PR 31-MAR-1998; 98US-0080105P.
 PR 31-MAR-1998; 98US-0080194P.
 PR 01-APR-1998; 98US-0080327P.
 PR 01-APR-1998; 98US-0080328P.
 PR 01-APR-1998; 98US-0080333P.
 PR 01-APR-1998; 98US-0080334P.
 PR 08-APR-1998; 98US-0081049P.
 PR 08-APR-1998; 98US-0081070P.
 PR 08-APR-1998; 98US-0081071P.
 PR 09-APR-1998; 98US-0081195P.
 PR 09-APR-1998; 98US-0081203P.
 PR 09-APR-1998; 98US-0081229P.
 PR 15-APR-1998; 98US-0081817P.
 PR 15-APR-1998; 98US-0081819P.
 PR 15-APR-1998; 98US-0081838P.
 PR 15-APR-1998; 98US-0081952P.
 PR 15-APR-1998; 98US-0081955P.
 PR 21-APR-1998; 98US-0082568P.
 PR 21-APR-1998; 98US-0082569P.
 PR 22-APR-1998; 98US-0082700P.
 PR 22-APR-1998; 98US-0082704P.
 PR 22-APR-1998; 98US-0082797P.
 PR 22-APR-1998; 98US-0082804P.
 PR 23-APR-1998; 98US-0082796P.
 PR 27-APR-1998; 98US-0083336P.
 PR 28-APR-1998; 98US-0083322P.
 PR 07-OCT-1998; 98WO-US021141.
 PR 20-NOV-1998; 98WO-US024855.
 PR 05-JAN-1999; 99WO-US000106.
 PR 08-MAR-1999; 99WO-US005028.
 PR 10-MAR-1999; 99WO-US005190.

PR 14-MAY-1999; 99WO-US010733.
 PR 02-JUN-1999; 99WO-US012252.
 PR 30-NOV-1999; 99WO-US028313.
 PR 02-DEC-1999; 99WO-US028551.
 PR 16-DEC-1999; 99WO-US028565.
 PR 30-DEC-1999; 99WO-US030095.
 PR 30-DEC-1999; 99WO-US031243.
 PR 05-JAN-2000; 99WO-US031274.
 PR 06-JAN-2000; 2000WO-US000219.
 PR 06-JAN-2000; 2000WO-US000277.
 PR 11-FEB-2000; 2000WO-US000376.
 PR 18-FEB-2000; 2000WO-US003565.
 PR 24-FEB-2000; 2000WO-US004341.
 PR 02-MAR-2000; 2000WO-US005004.
 PR 10-MAR-2000; 2000WO-US005841.
 PR 21-MAR-2000; 2000WO-US006319.
 PR 17-MAY-2000; 2000WO-US008439.
 PR 17-MAY-2000; 2000WO-US013705.
 PR 22-MAY-2000; 2000WO-US014042.
 PR 02-JUN-2000; 2000WO-US015264.
 PR 28-JUL-2000; 2000WO-US020710.
 PR 24-AUG-2000; 2000WO-US023328.
 PR 01-DEC-2000; 2000WO-US032678.
 PR 20-DEC-2000; 2000WO-US034956.
 PR 28-FEB-2001; 2001WO-US006520.
 PR 22-MAR-2001; 2001WO-US009552.
 PR 25-MAY-2001; 2001WO-US017092.
 PR 01-JUN-2001; 2001WO-US017800.
 PR 20-JUN-2001; 2001WO-US019692.
 PR 29-JUN-2001; 2001WO-US021066.
 PR 09-JUL-2001; 2001WO-US021735.
 PR 30-JUL-2001; 2001US-00918585.
 XX
 XX (GETH) GENENTECH INC.
 PA Ashtenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
 PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
 PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
 PI Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
 PI Stewart TA, Tumas D, Williams PM, Wood WI;
 XX WPI; 2004-041494/04.
 DR N-PSDB; ADF24194.
 XX
 XX New PRO polypeptide useful for treating peripheral neuropathy, or
 PT neuropathies associated with systemic disease such as post-polio syndrome
 PT or acquired immunodeficiency syndrome-associated syndrome.
 XX
 PS Claim 12; SEQ ID NO 236; 459pp; English.
 CC
 CC The invention relates to an isolated PRO polypeptide (secreted or
 CC transmembrane protein) having at least 80% amino acid sequence identity
 CC to an amino acid sequence chosen from 94 fully defined sequences as given
 CC in the specification (including PRO lacking its associated signal
 CC peptide, a PRO extracellular domain with or without its associated signal
 CC peptide). Also included are nucleic acids encoding the PRO proteins
 CC mentioned above, a vector comprising a PRO nucleic acid, a host cell
 CC comprising the vector and producing PRO, a chimeric molecule comprising
 CC PRO fused to a heterologous amino acid sequence, and an anti-PRO
 CC antibody. PRO337 polypeptide is useful for detecting a PRO4993
 CC polypeptide in a sample suspected of containing PRO4993 polypeptide.
 CC Similarly, PRO4993 polypeptide is useful for detecting PRO337
 CC polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting
 CC PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting a
 CC bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive
 CC molecule is the toxin, radiolabel, or an antibody. The bioactive molecule
 CC causes death of the cell. PRO337 polypeptide is useful for linking a
 CC bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,
 CC PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule
 CC to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is

CC useful for linking a bioactive molecule to a cell expressing PRO725,
CC PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337
CC polypeptide is useful for modulating at least one biological activity of
CC the cell expressing PRO337 polypeptide, where the cell is killed. PRO337
CC polypeptide or anti-PRO4993 polypeptide is useful for modulating the
CC biological activity of the cell expressing PRO4993 polypeptide; PRO725,
CC PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for
CC modulating the biological activity of the cell expressing PRO1559
CC polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-
CC PRO739 polypeptide is useful for modulating the biological activity of
CC the cell expressing PRO725, PRO700 or PRO739 polypeptide. The
CC polypeptides are useful for inhibiting tumour growth, retinal disorders,
CC sports-related joint problems, articular cartilage defects,
CC osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in
CC mammals. The present sequence represents a PRO protein.

XX Sequence 331 AA;

Query Match 100.0%; Score 1760; DB 8; Length 331;
Best Local Similarity 100.0%; Pred. No. 1.4e-160;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MENPSPAALGKALCALLATLGAAGQPLGGESIC SARAPAKYSITFTGKWSQTAPPKQY 60
DB 1 MENPSPAALGKALCALLATLGAAGQPLGGESIC SARAPAKYSITFTGKWSQTAPPKQY 60
QY 61 PLFRPPAOWSSLLGAHSSDYSMWRKNQYVNSGLRDFAEERGEAWALMKEIEAAGALQSV 120
DB 61 PLFRPPAOWSSLLGAHSSDYSMWRKNQYVNSGLRDFAEERGEAWALMKEIEAAGALQSV 120
QY 121 HEVFSAPAVPSGTGQTSAELEVRHSLVSFVVRIVPSDFVGVDSLDLDCGDRWREQA 180
DB 121 HEVFSAPAVPSGTGQTSAELEVRHSLVSFVVRIVPSDFVGVDSLDLDCGDRWREQA 180
QY 181 ALDLPYDAGTSGFTFSSPNFATIPQDTVTITSSSPHPANSFYPRKLKALPIARVT 240
DB 181 ALDLPYDAGTSGFTFSSPNFATIPQDTVTITSSSPHPANSFYPRKLKALPIARVT 240
QY 241 LRLRQSPRAFIPAPVLPFSRNEIVDSASVPETPLDCVSLWSSWGLCGHCGRLGTSK 300
DB 241 LRLRQSPRAFIPAPVLPFSRNEIVDSASVPETPLDCVSLWSSWGLCGHCGRLGTSK 300
QY 301 RTRYVRVQPNANGSPCELEEEAECPDNCV 331
DB 301 RTRYVRVQPNANGSPCELEEEAECPDNCV 331

RESULT 48

ID ADF40627 standard; protein; 331 AA.

AC ADF40627;

DT 12-FEB-2004 (first entry)

DE Human secreted/transmembrane protein, PRO866.

KW Human; secreted protein; transmembrane protein; PRO; cytostatic;
KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnery;
KW auditory; tumour growth; retinal disorder; sports-related joint problem;
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
KW wound healing; hearing loss.

OS Homo sapiens.

PN US2003199021-A1.

PD 23-OCT-2003.

PF 25-OCT-2001; 2001US-00013924.

PR 30-JUL-2001; 2001US-00918585.

XX

(GETH) GENENTECH INC.

PA Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
XX Ferrara N, Fillaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney H, Hillan KJ;
PI Kijavini IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
XX Stewart TA, Tumas D, Williams PM, Wood WI;
DR WPI; 2004-041351/04.
DR N-PSDB; ADF40626.

XX New nucleic acid encoding a secreted and transmembrane polypeptide,
PT useful for treating e.g. lung or breast tumors, osteoarthritis,
PT rheumatoid arthritis, obesity, diabetes, hyperinsulinemia,
PT hypoinsulinemia or wounds.

XX Claim 12; SEQ ID NO 236; 461pp; English.

XX The invention relates to an isolated PRO polypeptide (secreted or
CC transmembrane protein) having at least 80% amino acid sequence identity
CC to an amino acid sequence chosen from 94 fully defined sequences as given
CC in the specification (including PRO lacking its associated signal
CC peptide, a PRO extracellular domain with or without its associated signal
CC peptide). Also included are nucleic acids encoding the PRO proteins
CC mentioned above, a vector comprising a PRO nucleic acid, a host cell
CC comprising the vector and producing PRO, a chimaeric molecule comprising
CC PRO fused to a heterologous amino acid sequence, and an anti-PRO
CC antibody. PRO337 polypeptide is useful for detecting a PRO4993
CC polypeptide in a sample suspected of containing PRO4993 polypeptide.
CC Similarly, PRO4993 polypeptide is useful for detecting PRO337
CC polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting
CC PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting
CC PRO725, PRO700 or PRO739, PRO4993 polypeptide is useful for linking a
CC bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive
CC molecule is the toxin, radiolabel, or an antibody. The bioactive molecule
CC causes death of the cell. PRO337 polypeptide is useful for linking a
CC bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,
CC PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule
CC to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is
CC useful for linking a bioactive molecule to a cell expressing PRO725,
CC PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337
CC polypeptide is useful for modulating at least one biological activity of
CC the cell expressing PRO337 polypeptide, where the cell is killed. PRO337
CC polypeptide or anti-PRO4993 polypeptide is useful for modulating the
CC biological activity of the cell expressing PRO4993 polypeptide; PRO725,
CC PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for
CC modulating the biological activity of the cell expressing PRO1559
CC polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-
CC PRO739 polypeptide is useful for modulating the biological activity of
CC the cell expressing PRO725, PRO700 or PRO739 polypeptide. The
CC polypeptides are useful for inhibiting tumour growth, retinal disorders,
CC sports-related joint problems, articular cartilage defects,
CC osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in
CC mammals. The present sequence represents a PRO protein.

XX Sequence 331 AA;

Query Match 100.0%; Score 1760; DB 8; Length 331;
Best Local Similarity 100.0%; Pred. No. 1.4e-160;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MENPSPAALGKALCALLATLGAAGQPLGGESIC SARAPAKYSITFTGKWSQTAPPKQY 60

DB 1 MENPSPAALGKALCALLATLGAAGQPLGGESIC SARAPAKYSITFTGKWSQTAPPKQY 60

QY 61 PLFRPPAOWSSLLGAHSSDYSMWRKNQYVNSGLRDFAEERGEAWALMKEIEAAGALQSV 120

DB 61 PLFRPPAOWSSLLGAHSSDYSMWRKNQYVNSGLRDFAEERGEAWALMKEIEAAGALQSV 120

QY 121 HEVFSAPAVPSGTGQTSAELEVRHSLVSFVVRIVPSDFVGVDSLDLDCGDRWREQA 180

DB 121 HEVFSAPAVPSGTGQTSAELEVRHSLVSFVVRIVPSDFVGVDSLDLDCGDRWREQA 180

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QY 181 ALDLYPDAGTDSGTFSSPNFATIQDVTTEITSSSPGHANSFYPRKALPPIARVT 240
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Db 181 ALDLYPDAGTDSGTFSSPNFATIQDVTTEITSSSPGHANSFYPRKALPPIARVT 240
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QY 241 LLRLRQSPRAFIAPPVLPVPSRONEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTKS 300
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Db 241 LLRLRQSPRAFIAPPVLPVPSRONEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTKS 300
      |||||||
QY 301 RTRYVRVQPNNGSPCELEEEAECPDNCV 331
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Db 301 RTRYVRVQPNNGSPCELEEEAECPDNCV 331
      |||||||

RESULT 49
ADP23571
ID ADF23571 standard; protein; 331 AA.
XX
AC ADF23571;
XX
DT 12-FEB-2004 (first entry)
XX
DE Human secreted/transmembrane protein, PRO866.
XX
KW Human; secreted protein; transmembrane protein; PRO; cytostatic;
KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulneryary;
KW auditory; tumour growth; retinal disorder; sports-related joint problem;
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
KW wound healing; hearing loss.
XX
OS Homo sapiens.
XX
PN US2003203402-A1.
XX
PD 30-OCT-2003.
XX
PF 24-OCT-2001; 2001US-00017084.
XX
PR 17-OCT-1997; 97US-0062250P.
PR 03-NOV-1997; 97US-0064249P.
PR 13-NOV-1997; 97US-0065311P.
PR 21-NOV-1997; 97US-0066364P.
PR 10-MAR-1998; 98US-0077450P.
PR 11-MAR-1998; 98US-0077632P.
PR 11-MAR-1998; 98US-0077641P.
PR 11-MAR-1998; 98US-0077649P.
PR 12-MAR-1998; 98US-0077791P.
PR 13-MAR-1998; 98US-0078004P.
PR 17-MAR-1998; 98US-00040220.
PR 20-MAR-1998; 98US-0078866P.
PR 20-MAR-1998; 98US-0078910P.
PR 20-MAR-1998; 98US-0078936P.
PR 20-MAR-1998; 98US-0078936P.
PR 25-MAR-1998; 98US-0079294P.
PR 26-MAR-1998; 98US-0079656P.
PR 27-MAR-1998; 98US-0079663P.
PR 27-MAR-1998; 98US-0079664P.
PR 27-MAR-1998; 98US-0079689P.
PR 27-MAR-1998; 98US-0079728P.
PR 27-MAR-1998; 98US-0079786P.
PR 30-MAR-1998; 98US-0079920P.
PR 30-MAR-1998; 98US-0079923P.
PR 31-MAR-1998; 98US-0080105P.
PR 31-MAR-1998; 98US-0080107P.
PR 31-MAR-1998; 98US-0080165P.
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XX
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PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;

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AC ADF32930;
XX
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DT 12-FEB-2004 (first entry)
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DE Human secreted/transmembrane protein, PR0866.
XX
KW Human; secreted protein; transmembrane protein; PRO; cytotstatic;
KW ophthalmological; antiarthritis; osteopathic; antirheumatic; vulnerary;
KW auditory; tumour growth; retinal disorder; sports-related joint problem;
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
KW wound healing; hearing loss.
XX
OS Homo sapiens.
XX
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PR 16-DEC-1999; 99WO-US030095.
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XX
XX (GETH ) GENENTECH INC.
PA
XX
XX Ashkenazi AJ, Baker KP, Botstein D, Desnovers L, Eaton DL;
PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
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XX WPI; 2004-021571/02.
DR N-PSDB; ADF32929.
XX
XX
XX Novel PRO polypeptides useful for treating peripheral neuropathy,
PT neuropathies associated with systemic disease such as post-polio syndrome
PT or AIDS-associated syndrome.
XX
XX Claim 12; SEQ ID NO 236; 465pp; English.
XX
XX The invention relates to an isolated PRO polypeptide (secreted or
CC transmembrane protein) having at least 80% amino acid sequence identity
CC to an amino acid sequence chosen from 94 fully defined sequences as given
CC in the specification (including PRO lacking its associated signal
CC peptide, a PRO extracellular domain with or without its associated signal
CC peptide). Also included are nucleic acids encoding the PRO proteins
CC mentioned above, a vector comprising a PRO nucleic acid, a host cell
CC comprising the vector and producing PRO, a chimeric molecule comprising
CC PRO fused to a heterologous amino acid sequence, and an anti-PRO
CC antibody. PRO337 polypeptide is useful for detecting a PRO4993
CC polypeptide in a sample suspected of containing PRO4993 polypeptide.

Query Match 100.0%; Score 1760; DB 8; Length 331;
Best Local Similarity 100.0%; Pred. NO. 1.4e-160;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MENPSPAALGKALCALLIATIGACQPLGSGSIC SARAPAKYSITFTGKWSQTAFPKQY 60
DB 1 MENPSPAALGKALCALLIATIGACQPLGSGSIC SARAPAKYSITFTGKWSQTAFPKQY 60
QY 61 PLFRPPAOWSSLGAHSDYSMWKKNQYVSNGLRDFAE RGEAWALMKIEAAGEALQSV 120
DB 61 PLFRPPAOWSSLGAHSDYSMWKKNQYVSNGLRDFAE RGEAWALMKIEAAGEALQSV 120
QY 121 HEVFSAPAVPSGTGQTSAELEYQRRHSLVSFVVRIVPSDFVGVDSLDCDGRWREQA 180
DB 121 HEVFSAPAVPSGTGQTSAELEYQRRHSLVSFVVRIVPSDFVGVDSLDCDGRWREQA 180
QY 181 ALDLYPDYDAGTSGTFFSPNFATTIPQDTVTITSSSPSHPANSFYPRLKALPPIARVT 240
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Db 181 ALDLYPYDAGTSGFTFSPNFATIPQDVTVTBITSSPSHPANSFYPRLKALPPIARVT 240
Qy 241 LLRLRQSPRAFIPPAPVLPSPRNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTSK 300
Db 241 LLRLRQSPRAFIPPAPVLPSPRNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTSK 300
Qy 301 RTRYRVQPNANGSPCPPELEEEAECPDNCV 331
Db 301 RTRYRVQPNANGSPCPPELEEEAECPDNCV 331
RESULT 55
ADP25296
ID ADP25296 standard; protein; 331 AA.
AC ADP25296;
XX
AC ADP25296;
XX
DT 12-FEB-2004 (first entry)
XX
DE Human secreted/transmembrane protein, PRO866.
XX
KW Human; secreted protein; transmembrane protein; PRO; cytostatic;
KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnery;
KW auditory; tumour growth; retinal disorder; sports-related joint problem;
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
KW wound healing; hearing loss.
OS
XX Homo sapiens.
XX
PN US2003211092-A1.
XX
PD 13-NOV-2003.
XX
PF 19-OCT-2001; 2001US-00162521.
XX
PR 17-MAR-1998; 98US-00040220.
PR 26-JUN-1998; 98US-00105413.
PR 07-OCT-1998; 98US-00168978.
PR 07-OCT-1998; 98WO-US021141.
PR 02-NOV-1998; 98US-00184216.
PR 06-NOV-1998; 98US-00187368.
PR 20-NOV-1998; 98WO-US024855.
PR 07-DEC-1998; 98US-00202054.
PR 22-DEC-1998; 98US-00218517.
PR 05-JAN-1999; 98WO-US000106.
PR 05-MAR-1999; 99US-00254465.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99US-00265686.
PR 10-MAR-1999; 99WO-US005190.
PR 12-MAR-1999; 99US-00267213.
PR 12-MAR-1999; 99US-00284291.
PR 14-APR-1999; 99US-00311832.
PR 14-MAY-1999; 99US-00380137.
PR 14-MAY-1999; 99WO-US010733.
PR 14-MAY-1999; 99WO-US012255.
PR 25-AUG-1999; 99US-00380138.
PR 25-AUG-1999; 99US-00380142.
PR 30-NOV-1999; 99WO-US028313.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 24-FEB-2000; 2000WO-US005004.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 21-MAR-2000; 2000WO-US007532.

30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000US-00709238.
PR 27-NOV-2000; 2000US-00723749.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001WO-US006520.
PR 22-MAR-2001; 2001US-00816744.
PR 22-MAR-2001; 2001US-00816920.
PR 22-MAR-2001; 2001WO-US009552.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 29-JUL-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 30-JUL-2001; 2001US-00918585.
XX
XX (GETH) GENENTECH INC.
PA
XX Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
PI Kijavind IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
PI Stewart TA, Tumas D, Williams PM, Wood WI;
WPI; 2004-021572/02.
DR N-PSDB; ADF25295.
XX
XX New nucleic acid encoded a secreted and transmembrane polypeptide, useful
PT for treating e.g. lung or breast tumors, osteoarthritis, rheumatoid
PT arthritis, obesity, diabetes, hyperinsulinemia, hypoinsulinemia or
PT wounds.
XX
PS Claim 12; SEQ ID NO 236; 456pp; English.
XX
CC The invention relates to an isolated PRO polypeptide (secreted or
CC transmembrane protein) having at least 80% amino acid sequence identity
CC to an amino acid sequence chosen from 94 fully defined sequences as given
CC in the specification (including PRO lacking its associated signal
CC peptide, a PRO extracellular domain with or without its associated signal
CC peptide). Also included are nucleic acids encoding the PRO proteins
CC mentioned above, a vector comprising a PRO nucleic acid), a host cell
CC comprising the vector and producing PRO, a chimeric molecule comprising
CC PRO fused to a heterologous amino acid sequence, and an anti-PRO
CC antibody. PRO337 polypeptide is useful for detecting a PRO4993
CC polypeptide in a sample suspected of containing PRO4993 polypeptide.
CC Similarly, PRO4993 polypeptide is useful for detecting PRO337
CC polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting
CC PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting
CC PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a
CC bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive
CC molecule is the toxin, radiolabel, or an antibody. The bioactive molecule
CC causes death of the cell. PRO337 polypeptide is useful for linking a
CC bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,
CC PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule
CC to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is
CC useful for linking a bioactive molecule to a cell expressing PRO725,
CC PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337
CC polypeptide is useful for modulating at least one biological activity of
CC the cell expressing PRO337 polypeptide, where the cell is killed. PRO337
CC polypeptide or anti-PRO4993 polypeptide is useful for modulating the

CC biological activity of the cell expressing PRO4993 polypeptide; PRO725,
CC PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for
CC modulating the biological activity of the cell expressing PRO1559
CC polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-
CC PRO739 polypeptide is useful for modulating the biological activity of
CC the cell expressing PRO725, PRO700 or PRO739 polypeptide. The
CC polypeptides are useful for inhibiting tumour growth, retinal disorders,
CC sports-related joint problems, articular cartilage defects,
CC osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in
CC mammals. The present sequence represents a PRO protein.
XX
SQ Sequence 331 AA;

Query Match 100.0%; Score 1760; DB 8; Length 331;
Best Local Similarity 100.0%; Pred. No. 1.4e-160; Indels 0; Gaps 0;
Matches 331; Conservative 0; Mismatches 0;

QY 1 MENPSPAAALGKALCALLATLGAAGQPLGGESIC SARAPAKYSITFTGKWSQTAPPKQY 60
DB 1 MENPSPAAALGKALCALLATLGAAGQPLGGESIC SARAPAKYSITFTGKWSQTAPPKQY 60
QY 61 PLFRPPAQNSSLGAHSSDYSMWRKNQYVNSGLRDFAEGERAWALMKEIEAAGEALQSV 120
DB 61 PLFRPPAQNSSLGAHSSDYSMWRKNQYVNSGLRDFAEGERAWALMKEIEAAGEALQSV 120
QY 121 HEVFSAPVPSGTGTSASLEVQRHSLVSFVVRIVPSDFWVGVDSDLCDGDRWREOA 180
DB 121 HEVFSAPVPSGTGTSASLEVQRHSLVSFVVRIVPSDFWVGVDSDLCDGDRWREOA 180
QY 181 ALDLYPYDAGTDSGFTSSPNFATIPQDVTWITSSPSHPANSFYPRKALPPIARTV 240
DB 181 ALDLYPYDAGTDSGFTSSPNFATIPQDVTWITSSPSHPANSFYPRKALPPIARTV 240
QY 241 LLRLRQSPRAFIAPPVLPSPRDNIEIVDSASVPETPLDCEVLSWSSWGLCGHCGRLGTGS 300
DB 241 LLRLRQSPRAFIAPPVLPSPRDNIEIVDSASVPETPLDCEVLSWSSWGLCGHCGRLGTGS 300
QY 301 RTRYRVQPNNGSPCELEEEAECPDNCV 331
DB 301 RTRYRVQPNNGSPCELEEEAECPDNCV 331

RESULT 56

ADF26397
ID ADF26397 standard; protein; 331 AA.

XX ADF26397;

XX DT 12-FEB-2004 (first entry)

XX DE Human secreted/transmembrane protein, PRO866.

XX KW Human; secreted protein; transmembrane protein; PRO; cytostatic;
KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnery;
KW auditory; tumour growth; retinal disorder; sports-related joint problem;
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
KW wound healing; hearing loss.

XX OS Homo sapiens.

XX PN US2003199674-A1.

XX PD 23-OCT-2003.

XX PF 16-OCT-2001; 2001US-00978802.

XX PR 17-OCT-1997; 97US-0062350P.

XX PR 03-NOV-1997; 97US-0064249P.

XX PR 13-NOV-1997; 97US-0065311P.

XX PR 21-NOV-1997; 97US-0066364P.

XX PR 10-MAR-1998; 98US-0077450P.

XX PR 11-MAR-1998; 98US-0077632P.

XX PR 11-MAR-1998; 98US-0077641P.

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PR 22-APR-1998; 98US-0082700P.
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PR 23-DEC-1998; 98US-0113621P.
PR 05-JAN-1999; 99WO-US000106.
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PR 10-MAR-1999; 99WO-US005190.
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PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 24-FEB-2000; 2000WO-US005004.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015284.
PR 28-JUL-2000; 2000WO-US020710.
PR 24-AUG-2000; 2000WO-US023328.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001WO-US006520.
PR 22-MAR-2001; 2001WO-US009520.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001WO-US017800.
PR 20-JUN-2001; 2001WO-US019692.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 30-JUL-2001; 2001US-00918585.
XX (GETH) GENENTECH INC.
XX Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
PI Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
PI Stewart TA, Tumas D, Williams PM, Wood WI;
XX WPI: 2004-021096/02.
DR N-PSDB; ADF46422.
XX New nucleic acid encoding a secreted and transmembrane polypeptide,
PT useful for treating e.g. lung or breast tumors, osteoarthritis,
PT rheumatoid arthritis, obesity, diabetes, hyperinsulinemia,
PT hypoinsulinemia or wounds.
XX Claim 12; SEQ ID NO 236; 460pp; English.
PS The invention relates to an isolated PRO polypeptide (secreted or
CC transmembrane protein) having at least 80% amino acid sequence identity
CC to an amino acid sequence chosen from 94 fully defined sequences as given
CC in the specification (including PRO lacking its associated signal
CC peptide, a PRO extracellular domain with or without its associated signal
CC peptide). Also included are nucleic acids encoding the PRO proteins

CC mentioned above, a vector comprising a PRO nucleic acid, a host cell
CC comprising the vector and producing PRO, a chimeric molecule comprising
CC PRO fused to a heterologous amino acid sequence, and an anti-PRO
CC antibody. PRO337 polypeptide is useful for detecting a PRO4993

Query Match 100.0%; Score 1760; DB 8; Length 331;
Best Local Similarity 100.0%; Pred. No. 1.4e-160;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MENPSPAALGKALCALLATLGAAGQPLGGSSIC SARAPAKYITFTGKWSQTAPPKQY 60
Db 1 MENPSPAALGKALCALLATLGAAGQPLGGSSIC SARAPAKYITFTGKWSQTAPPKQY 60
QY 61 PLFRPPAOWSSLLGAHSSDYSMWRKNQYVNSGLRDFAEERGEAWALMKEIAAGEALQSV 120
Db 61 PLFRPPAOWSSLLGAHSSDYSMWRKNQYVNSGLRDFAEERGEAWALMKEIAAGEALQSV 120
QY 121 HEVFSAPAVPSGTGTSAELEVRHSLVSFVVRIVPSPDFVGVDSLDLDCGDRWREQA 180
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QY 181 ALDLYPYDAGTDSGTFSSPNFATIPQDVTITSSPSHPANSFYPRKALPPIARVT 240
Db 181 ALDLYPYDAGTDSGTFSSPNFATIPQDVTITSSPSHPANSFYPRKALPPIARVT 240
QY 241 LLRLQSPRAFPAPVLPSPRDNIEIVDSASVETPLDCEVSLWSSWGLCGHCGRLGTS 300
Db 241 LLRLQSPRAFPAPVLPSPRDNIEIVDSASVETPLDCEVSLWSSWGLCGHCGRLGTS 300
QY 301 RTRYRVQPNNGSPCELEEEAECPDNCV 331
Db 301 RTRYRVQPNNGSPCELEEEAECPDNCV 331

RESULT 59
ADG50409
ID ADG50409 standard; protein; 331 AA.
AC ADG50409;
XX
XX 11-MAR-2004 (first entry)
XX Human secreted/transmembrane protein, PRO866.
DE
XX Human; secreted protein; transmembrane protein; PRO; cytostatic;
KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnery;
KW auditory; tumour growth; retinal disorder; sports-related joint problem;
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
KW wound healing; hearing loss.
XX
XX Homo sapiens.
OS
XX US2003207803-A1.
XX
XX 06-NOV-2003.
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XX 19-OCT-2001; 2001US-00143026.
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XX 28-MAY-1998; 98US-0087106P.
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XX 30-JUL-1998; 98US-0094651P.
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XX 08-MAR-1999; 99WO-US0005028.
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XX 25-AUG-1999; 99US-00380138.
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XX 18-FEB-2000; 2000WO-US004341.
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XX 30-JUL-2001; 2001US-00918585.
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XX (GETH) GENENTECH INC.
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XX Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
PI Kijavini IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
PI Stewart TA, Tumas D, Williams PM, Wood WI;
XX

DR WPI: 2004-021515/02.
DR N-PSDB; ADG50408.
XX
PT New genes and encoded secreted and transmembrane polypeptides, useful for
PT treating e.g. lung or breast tumors, osteoarthritis, rheumatoid
PT arthritis, obesity, diabetes, hyperinsulinemia, hypoinulinemia or
PT wounds.
XX
PS Claim 12; SEQ ID NO 236; 463pp; English.
XX
CC The invention relates to an isolated PRO polypeptide (secreted or
CC transmembrane protein) having at least 80% amino acid sequence identity
CC to an amino acid sequence chosen from 94 fully defined sequences as given
CC in the specification (including PRO lacking its associated signal
CC peptide, a PRO extracellular domain with or without its associated signal
CC peptide). Also included are nucleic acids encoding the PRO proteins
CC mentioned above, a vector comprising a PRO nucleic acid, a host cell
CC comprising the vector and producing PRO, a chimeric molecule comprising
CC PRO fused to a heterologous amino acid sequence, and an anti-PRO
CC antibody. PRO337 polypeptide is useful for detecting a PRO4993
CC polypeptide in a sample suspected of containing PRO4993 polypeptide.
CC Similarly, PRO4993 polypeptide is useful for detecting PRO337
CC polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting
CC PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting
CC PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a
CC bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive
CC molecule is the toxin, radiolabel, or an antibody. The bioactive molecule
CC causes death of the cell. PRO337 polypeptide is useful for linking a
CC bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,
CC PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule
CC to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is
CC useful for linking a bioactive molecule to a cell expressing PRO725,
CC PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337
CC polypeptide is useful for modulating at least one biological activity of
CC the cell expressing PRO337 polypeptide, where the cell is killed. PRO337
CC polypeptide or anti-PRO4993 polypeptide is useful for modulating the
CC biological activity of the cell expressing PRO4993 polypeptide; PRO725,
CC PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for
CC modulating the biological activity of the cell expressing PRO1559
CC polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-
CC PRO739 polypeptide is useful for modulating the biological activity of
CC the cell expressing PRO725, PRO700 or PRO739 polypeptide. The
CC polypeptides are useful for inhibiting tumour growth, retinal disorders,
CC sports-related joint problems, articular cartilage defects,
CC osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in
CC mammals. The present sequence represents a PRO protein.
XX
SQ Sequence 331 AA;
Query Match 100.0%; Score 1760; DB 8; Length 331;
Best Local Similarity 100.0%; Pred. No. 1.4e-160;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MENPSPAALGKALCALLATLGAAGQPLGGSSIC SARAPAKYITFTGKWSQTAPPKQY 60
Db 1 MENPSPAALGKALCALLATLGAAGQPLGGSSIC SARAPAKYITFTGKWSQTAPPKQY 60
QY 61 PLFRPPAOWSSLLGAHSSDYSMWRKNQYVNSGLRDFAEERGEAWALMKEIAAGEALQSV 120
Db 61 PLFRPPAOWSSLLGAHSSDYSMWRKNQYVNSGLRDFAEERGEAWALMKEIAAGEALQSV 120
QY 121 HEVFSAPAVPSGTGTSAELEVRHSLVSFVVRIVPSPDFVGVDSLDLDCGDRWREQA 180
Db 121 HEVFSAPAVPSGTGTSAELEVRHSLVSFVVRIVPSPDFVGVDSLDLDCGDRWREQA 180
QY 181 ALDLYPYDAGTDSGTFSSPNFATIPQDVTITSSPSHPANSFYPRKALPPIARVT 240
Db 181 ALDLYPYDAGTDSGTFSSPNFATIPQDVTITSSPSHPANSFYPRKALPPIARVT 240
QY 241 LLRLQSPRAFPAPVLPSPRDNIEIVDSASVETPLDCEVSLWSSWGLCGHCGRLGTS 300
Db 241 LLRLQSPRAFPAPVLPSPRDNIEIVDSASVETPLDCEVSLWSSWGLCGHCGRLGTS 300

QY 301 RRYRVQPNNGSPCELEBEAECPDNCV 331
 DB |||||
 301 RRYRVQPNNGSPCELEBEAECPDNCV 331
 RESULT 60
 ADG49785
 ID ADG49785 standard; protein; 331 AA.
 AC
 XX ADG49785;
 DT
 XX 11-MAR-2004 (first entry)
 DE Human secreted/transmembrane protein, PRO866.
 XX Human; secreted; transmembrane protein; PRO; cytostatic;
 KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnary;
 KW auditory; tumour growth; retinal disorder; sports-related joint problem;
 KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
 XX wound healing; hearing loss.
 XX Homo sapiens.
 XX
 PN US2003215905-A1.
 XX
 PD 20-NOV-2003.
 XX
 PF 25-OCT-2001; 2001US-00013928.
 XX
 PR 07-OCT-1998; 98WO-US021141.
 PR 20-NOV-1998; 98WO-US024855.
 PR 05-JAN-1999; 99WO-US000106.
 PR 08-MAR-1999; 99WO-US005028.
 PR 10-MAR-1999; 99WO-US000519.
 PR 28-APR-1999; 99US-0131445P.
 PR 14-MAY-1999; 99WO-US010733.
 PR 02-JUN-1999; 99WO-US012252.
 PR 25-AUG-1999; 99US-00380138.
 PR 30-NOV-1999; 99WO-US028313.
 PR 02-DEC-1999; 99WO-US028551.
 PR 16-DEC-1999; 99WO-US030095.
 PR 30-DEC-1999; 99WO-US031243.
 PR 05-JAN-2000; 2000WO-US000219.
 PR 06-JAN-2000; 2000WO-US000277.
 PR 11-FEB-2000; 2000WO-US000376.
 PR 18-FEB-2000; 2000WO-US003565.
 PR 24-FEB-2000; 2000WO-US004341.
 PR 02-MAR-2000; 2000WO-US005004.
 PR 10-MAR-2000; 2000WO-US005841.
 PR 21-MAR-2000; 2000WO-US006319.
 PR 30-MAR-2000; 2000WO-US007532.
 PR 17-MAY-2000; 2000WO-US013705.
 PR 22-MAY-2000; 2000WO-US014042.
 PR 30-MAY-2000; 2000WO-US014941.
 PR 02-JUN-2000; 2000WO-US015264.
 PR 28-JUL-2000; 2000WO-US020710.
 PR 24-AUG-2000; 2000WO-US023328.
 PR 01-DEC-2000; 2000WO-US032678.
 PR 28-DEC-2000; 2000WO-US034956.
 PR 28-FEB-2001; 2001WO-US006520.
 PR 22-MAR-2001; 2001WO-US009552.
 PR 25-MAY-2001; 2001WO-US017092.
 PR 01-JUN-2001; 2001WO-US017800.
 PR 20-JUN-2001; 2001WO-US019692.
 PR 29-JUN-2001; 2001WO-US021066.
 PR 09-JUL-2001; 2001WO-US021735.
 PR 30-JUL-2001; 2001US-00918585.
 XX (GETH) GENENTECH INC.

PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
 PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
 PI Goddard A, Godowski PJ, Grimaldi JC, Gurney H, Hillan KJ;
 PI Kljavin IJ, Kuo SS, Napier WA, Pan J, Paoni NF, Roy MA, Shelton DL;
 PI Stewart TA, Tumas D, Williams PM, Wood WJ;
 XX WPI; 2004-080683/08.
 DR N-PSDB; ADG49784.
 PT New PRO nucleic acid, useful for manufacturing a medicament for
 XX diagnosing or treating tumor or for tissue typing.
 PS Claim 12; SEQ ID NO 236; 454pp; English.
 XX The invention relates to an isolated PRO polypeptide (secreted or
 CC transmembrane protein) having at least 80% amino acid sequence identity
 CC to an amino acid sequence chosen from 94 fully defined sequences as given
 CC in the specification (including PRO lacking its associated signal
 CC peptide, a PRO extracellular domain with or without its associated signal
 CC peptide). Also included are nucleic acids encoding the PRO proteins
 CC mentioned above, a vector comprising a PRO nucleic acid, a host cell
 CC comprising the vector and producing PRO, a chimaeric molecule comprising
 CC PRO fused to a heterologous amino acid sequence, and an anti-PRO
 CC antibody. PRO337 polypeptide is useful for detecting a PRO4993
 CC polypeptide in a sample suspected of containing PRO4993 polypeptide.
 CC Similarly, PRO4993 polypeptide is useful for detecting PRO337
 CC polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting
 CC PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting
 CC PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a
 CC bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive
 CC molecule is the toxin, radiolabel, or an antibody. The bioactive molecule
 CC causes death of the cell. PRO337 polypeptide is useful for linking a
 CC bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,
 CC PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule
 CC to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is
 CC useful for linking a bioactive molecule to a cell expressing PRO725,
 CC PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337
 CC polypeptide is useful for modulating at least one biological activity of
 CC the cell expressing PRO337 polypeptide, where the cell is killed. PRO337
 CC polypeptide or anti-PRO4993 polypeptide is useful for modulating the
 CC biological activity of the cell expressing PRO4993 polypeptide; PRO725,
 CC PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for
 CC modulating the biological activity of the cell expressing PRO1559
 CC polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-
 CC PRO739 polypeptide is useful for modulating the biological activity of
 CC the cell expressing PRO725, PRO700 or PRO739 polypeptide. The
 CC polypeptides are useful for inhibiting tumour growth, retinal disorders,
 CC sports-related joint problems, articular cartilage defects, and hearing loss in
 CC mammals. The present sequence represents a PRO protein.
 XX
 SQ Sequence 331 AA;
 Query Match 100.0%; Score 1760; DB 8; Length 331;
 Best Local Similarity 100.0%; Pred. No. 1.4e-160;
 Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 MENPSAALGKALCALLLATTGAAGQPLGGESICARAPAKYSITFTGKWSQTAPPKY 60
 DB |||||
 1 MENPSAALGKALCALLLATTGAAGQPLGGESICARAPAKYSITFTGKWSQTAPPKY 60
 QY 61 PLFRPPAQWSSLLGAAHSSDYSMWRKNQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120
 DB 61 PLFRPPAQWSSLLGAAHSSDYSMWRKNQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120
 QY 121 HEVFSAPAVPGTGTSAELEVRHSLVSVFVRIVPSPDFWVGVDSDLDLDCDGRWREQA 180
 DB |||||
 121 HEVFSAPAVPGTGTSAELEVRHSLVSVFVRIVPSPDFWVGVDSDLDLDCDGRWREQA 180
 QY 181 ALDLYPYDAGTSDGFTFSSPNPATIPQDTVTTEITSSSPSHPANSFYFRLKALPPIARTV 240
 DB 181 ALDLYPYDAGTSDGFTFSSPNPATIPQDTVTTEITSSSPSHPANSFYFRLKALPPIARTV 240

QY 241 LLRLRSPRAFIPAPVLPSPDRNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTSK 300
DB 241 LLRLRSPRAFIPAPVLPSPDRNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTSK 300
QY 301 RTRYVRVQPNANGSPCPPELEEEAECPDNCV 331
DB 301 RTRYVRVQPNANGSPCPPELEEEAECPDNCV 331

RESULT 61
ADG51657
ID ADG51657 standard; protein; 331 AA.
XX
AC ADG51657;
XX
DT 11-MAR-2004 (first entry)
DE Human secreted/transmembrane protein, PRO866.
XX
KW Human; secreted protein; transmembrane protein; PRO; cytostatic;
KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnerary;
KW auditory; tumour growth; retinal disorder; sports-related joint problem;
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
KW wound healing; hearing loss.
XX
OS Homo sapiens.
XX
PN US2003215908-A1.
XX
PD 20-NOV-2003.
XX
PF 19-OCT-2001; 2001US-00162522.
XX
PR 06-MAY-1998; 98US-0084441P.
PR 08-MAR-1999; 99WO-US005028.
PR 25-AUG-1999; 99US-00380138.
PR 30-NOV-1999; 99WO-US028313.
PR 18-FEB-2000; 2000WO-US004341.
PR 30-JUL-2001; 2001US-00918585.
XX
PA (GETH) GENENTECH INC.
XX
PI Aeshkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
PI Kljavin IJ, Kuo SS, Napier MA, Pan J, Paooni NF, Roy MA, Shelton DL;
PI Stewart TA, Tumas D, Williams PM, Wood WI;
XX
DR WPI; 2004-021841/02.
DR N-PSDB; ADG51656.
XX
XX New PRO nucleic acid, useful for manufacturing a medicament for
PT diagnosing or treating tumor or for tissue typing.
XX
XX Claim 12; SEQ ID NO 236; 453pp; English.

The invention relates to an isolated PRO polypeptide (secreted or transmembrane protein) having at least 80% amino acid sequence identity to an amino acid sequence chosen from 94 fully defined sequences as given in the specification (including PRO lacking its associated signal peptide, a PRO extracellular domain with or without its associated signal peptide). Also included are nucleic acids encoding the PRO proteins mentioned above, a vector comprising a PRO nucleic acid, a host cell comprising the vector and producing PRO, a chimaeric molecule comprising PRO fused to a heterologous amino acid sequence, and an anti-PRO antibody. PRO337 polypeptide is useful for detecting a PRO4993 antibody. PRO337 polypeptide is useful for detecting PRO4993 polypeptide in a sample suspected of containing PRO4993 polypeptide. Similarly, PRO4993 polypeptide is useful for detecting PRO337 polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive molecule is the toxin, radiolabel, or an antibody. The bioactive molecule

CC causes death of the cell. PRO337 polypeptide is useful for linking a
CC bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,
CC PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule
CC to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is
CC useful for linking a bioactive molecule to a cell expressing PRO725,
CC PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337
CC polypeptide is useful for modulating at least one biological activity of
CC the cell expressing PRO337 polypeptide, where the cell is killed. PRO337
CC polypeptide or anti-PRO4993 polypeptide is useful for modulating the
CC biological activity of the cell expressing PRO4993 polypeptide; PRO725,
CC PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for
CC modulating the biological activity of the cell expressing PRO1559
CC polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-
CC PRO739 polypeptide is useful for modulating the biological activity of
CC the cell expressing PRO725, PRO700 or PRO739 polypeptide. The
CC polypeptides are useful for inhibiting tumour growth, retinal disorders,
CC sports-related joint problems, articular cartilage defects,
CC osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in
CC mammals. The present sequence represents a PRO protein.
XX
SQ Sequence 331 AA;
Query Match 100.0%; Score 1760; DB 8; Length 331;
Best Local Similarity 100.0%; Pred. No. 1.4e-160;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MENPSPAAALGKALCALLIATIGAGQPLGGESIC SARAPAKYISITFTGKWSQTAFPKQY 60
DB 1 MENPSPAAALGKALCALLIATIGAGQPLGGESIC SARAPAKYISITFTGKWSQTAFPKQY 60
QY 61 PLFRPPAQMSSLLGAHSSDYSMWRKNQYVSNGLRDFAEERGEAWALMKIEAAGEALQSV 120
DB 61 PLFRPPAQMSSLLGAHSSDYSMWRKNQYVSNGLRDFAEERGEAWALMKIEAAGEALQSV 120
QY 121 HEVFSAPAVPSGTGTSAELEVQRHSLVSFVVRIVPSPDFVGVDSLDLDCGDRWEQA 180
DB 121 HEVFSAPAVPSGTGTSAELEVQRHSLVSFVVRIVPSPDFVGVDSLDLDCGDRWEQA 180
QY 181 ALDLYPYDAGTDSGFTSSPNEFATIPQDTVTITSSSPSHPANSFYPRKALPPIARVT 240
DB 181 ALDLYPYDAGTDSGFTSSPNEFATIPQDTVTITSSSPSHPANSFYPRKALPPIARVT 240
QY 241 LLRLRSPRAFIPAPVLPSPDRNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTSK 300
DB 241 LLRLRSPRAFIPAPVLPSPDRNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTSK 300
QY 301 RTRYVRVQPNANGSPCPPELEEEAECPDNCV 331
DB 301 RTRYVRVQPNANGSPCPPELEEEAECPDNCV 331

RESULT 62
ADG49161
ID ADG49161 standard; protein; 331 AA.
XX
AC ADG49161;
XX
DT 11-MAR-2004 (first entry)
DE Human secreted/transmembrane protein, PRO866.
XX
KW Human; secreted protein; transmembrane protein; PRO; cytostatic;
KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnerary;
KW auditory; tumour growth; retinal disorder; sports-related joint problem;
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
KW wound healing; hearing loss.
XX
OS Homo sapiens.
XX
PN US2003216305-A1.
XX
XX 20-NOV-2003.
XX

PF 25-OCT-2001; 2001US-00013923.
XX 17-OCT-1997; 97US-0062250P.
PR 13-NOV-1997; 97US-0065311P.
PR 18-NOV-1997; 97US-0065249P.
PR 21-NOV-1997; 97US-0066364P.
PR 10-MAR-1998; 98US-0077450P.
PR 11-MAR-1998; 98US-0077632P.
PR 11-MAR-1998; 98US-0077641P.
PR 11-MAR-1998; 98US-0077649P.
PR 12-MAR-1998; 98US-0077791P.
PR 13-MAR-1998; 98US-0078004P.
PR 20-MAR-1998; 98US-0078886P.
PR 20-MAR-1998; 98US-0078910P.
PR 20-MAR-1998; 98US-0078936P.
PR 20-MAR-1998; 98US-0078939P.
PR 25-MAR-1998; 98US-0079294P.
PR 26-MAR-1998; 98US-0079566P.
PR 27-MAR-1998; 98US-0079663P.
PR 27-MAR-1998; 98US-0079689P.
PR 27-MAR-1998; 98US-0079728P.
PR 27-MAR-1998; 98US-0079786P.
PR 30-MAR-1998; 98US-0079920P.
PR 30-MAR-1998; 98US-0079923P.
PR 31-MAR-1998; 98US-0080105P.
PR 31-MAR-1998; 98US-0080107P.
PR 31-MAR-1998; 98US-0080165P.
PR 31-MAR-1998; 98US-0080194P.
PR 01-APR-1998; 98US-0080327P.
PR 01-APR-1998; 98US-0080328P.
PR 01-APR-1998; 98US-0080333P.
PR 01-APR-1998; 98US-0080344P.
PR 08-APR-1998; 98US-0081049P.
PR 08-APR-1998; 98US-0081070P.
PR 08-APR-1998; 98US-0081071P.
PR 09-APR-1998; 98US-0081195P.
PR 09-APR-1998; 98US-0081203P.
PR 09-APR-1998; 98US-0081229P.
PR 15-APR-1998; 98US-0081817P.
PR 15-APR-1998; 98US-0081819P.
PR 15-APR-1998; 98US-0081838P.
PR 15-APR-1998; 98US-0081952P.
PR 15-APR-1998; 98US-0081955P.
PR 20-APR-1998; 98US-0082322P.
PR 21-APR-1998; 98US-0082568P.
PR 21-APR-1998; 98US-0082569P.
PR 22-APR-1998; 98US-0082700P.
PR 22-APR-1998; 98US-0082704P.
PR 22-APR-1998; 98US-0082797P.
PR 22-APR-1998; 98US-0082804P.
PR 23-APR-1998; 98US-0082796P.
PR 27-APR-1998; 98US-0083336P.
PR 29-APR-1998; 98US-0083392P.
PR 29-APR-1998; 98US-0083495P.
PR 29-APR-1998; 98US-0083496P.
PR 29-APR-1998; 98US-0083499P.
PR 29-APR-1998; 98US-0083500P.
PR 29-APR-1998; 98US-0083545P.
PR 29-APR-1998; 98US-0083554P.
PR 29-APR-1998; 98US-0083558P.
PR 29-APR-1998; 98US-0083559P.
PR 30-APR-1998; 98US-0083742P.
PR 05-MAY-1998; 98US-0084366P.
PR 06-MAY-1998; 98US-0084414P.
PR 06-MAY-1998; 98US-0084441P.
PR 07-MAY-1998; 98US-0084598P.
PR 07-MAY-1998; 98US-0084600P.
PR 07-MAY-1998; 98US-0084627P.
PR 07-MAY-1998; 98US-0084637P.
PR 07-MAY-1998; 98US-0084639P.
PR 07-MAY-1998; 98US-0084640P.
PR 07-MAY-1998; 98US-0084643P.
PR 13-MAY-1998; 98US-0085323P.
PR 13-MAY-1998; 98US-0085338P.
PR 13-MAY-1998; 98US-0085339P.
PR 15-MAY-1998; 98US-0085573P.
PR 15-MAY-1998; 98US-0085579P.
PR 15-MAY-1998; 98US-0085580P.
PR 15-MAY-1998; 98US-0085582P.
PR 15-MAY-1998; 98US-0085689P.
PR 15-MAY-1998; 98US-0085697P.
PR 15-MAY-1998; 98US-0085700P.
PR 15-MAY-1998; 98US-0085704P.
PR 18-MAY-1998; 98US-0086023P.
PR 22-MAY-1998; 98US-0086392P.
PR 22-MAY-1998; 98US-0086414P.
PR 22-MAY-1998; 98US-0086430P.
PR 22-MAY-1998; 98US-0086486P.
PR 28-MAY-1998; 98US-0087098P.
PR 28-MAY-1998; 98US-0087106P.
PR 28-MAY-1998; 98US-0087208P.
PR 26-JUN-1998; 98US-0090863P.
PR 01-JUL-1998; 98US-0091010P.
PR 30-JUL-1998; 98US-0091359P.
PR 30-JUL-1998; 98US-0094651P.
PR 11-SEP-1998; 98US-0100038P.
PR 07-OCT-1998; 98WO-US021141.
PR 20-NOV-1998; 98US-0109304P.
PR 20-NOV-1998; 98WO-US024855.
PR 22-DEC-1998; 98US-0113296P.
PR 22-DEC-1998; 98US-0113621P.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 12-MAR-1999; 99US-0123957P.
PR 29-MAR-1999; 99US-0126773P.
PR 21-APR-1999; 99US-0130232P.
PR 26-APR-1999; 99US-0131022P.
PR 28-APR-1999; 99US-0131445P.
PR 14-MAY-1999; 99US-0134287P.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 16-JUN-1999; 99US-0139557P.
PR 23-JUN-1999; 99US-0141037P.
PR 07-JUL-1999; 99US-0142680P.
PR 26-JUL-1999; 99US-0145698P.
PR 28-JUL-1999; 99US-0146222P.
PR 29-OCT-1999; 99US-0162506P.
PR 30-NOV-1999; 99WO-US028313.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 11-FEB-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 24-FEB-2000; 2000WO-US005004.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 24-AUG-2000; 2000WO-US023328.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001WO-US006520.
PR 22-MAR-2001; 2001WO-US009552.
PR 25-MAY-2001; 2001WO-US017092.

PR 29-APR-1998;	98US-0083558P.	PR 21-MAR-2000;	2000WO-US007532.
PR 29-APR-1998;	98US-0083559P.	PR 30-MAR-2000;	2000WO-US008439.
PR 30-APR-1998;	98US-0083742P.	PR 17-MAY-2000;	2000WO-US013705.
PR 05-MAY-1998;	98US-0084366P.	PR 22-MAY-2000;	2000WO-US014042.
PR 06-MAY-1998;	98US-0084414P.	PR 30-MAY-2000;	2000WO-US014941.
PR 06-MAY-1998;	98US-0084441P.	PR 02-JUN-2000;	2000WO-US015264.
PR 07-MAY-1998;	98US-0084598P.	PR 28-JUL-2000;	2000WO-US020710.
PR 07-MAY-1998;	98US-0084600P.	PR 24-AUG-2000;	2000WO-US023328.
PR 07-MAY-1998;	98US-0084627P.	PR 01-DEC-2000;	2000WO-US032678.
PR 07-MAY-1998;	98US-0084637P.	PR 20-DEC-2000;	2000WO-US034956.
PR 07-MAY-1998;	98US-0084640P.	PR 28-FEB-2001;	2001WO-US006520.
PR 07-MAY-1998;	98US-0084643P.	PR 22-MAR-2001;	2001WO-US009552.
PR 13-MAY-1998;	98US-0084653P.	PR 25-MAY-2001;	2001WO-US017092.
PR 13-MAY-1998;	98US-0085323P.	PR 01-JUN-2001;	2001WO-US017800.
PR 13-MAY-1998;	98US-0085338P.	PR 20-JUN-2001;	2001WO-US019692.
PR 13-MAY-1998;	98US-0085339P.	PR 29-JUN-2001;	2001WO-US021066.
PR 15-MAY-1998;	98US-0085573P.	PR 29-JUL-2001;	2001WO-US021735.
PR 15-MAY-1998;	98US-0085579P.	PR 30-JUL-2001;	2001WO-US021755.
PR 15-MAY-1998;	98US-0085580P.	XX	
PR 15-MAY-1998;	98US-0085582P.	PA	(GETH) GENENTECH INC.
PR 15-MAY-1998;	98US-0085689P.	XX	
PR 15-MAY-1998;	98US-0085697P.	PI	Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL, Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME, Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ, Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL, Stewart TA, Tumas D, Williams PM, Wood WI;
PR 22-MAY-1998;	98US-0086392P.	XX	WPI; 2004-033149/03.
PR 22-MAY-1998;	98US-0086414P.	DR	N-PSDB; ADG48536.
PR 22-MAY-1998;	98US-0086430P.	XX	
PR 22-MAY-1998;	98US-0086486P.	CC	New PRO polypeptide useful for treating peripheral neuropathy, neuropathies associated with systemic disease such as post-polio syndrome or acquired immunodeficiency syndrome-associated syndrome.
PR 28-MAY-1998;	98US-0087098P.	PT	Claim 12; SEQ ID NO 236; 454pp; English.
PR 28-MAY-1998;	98US-0087208P.	XX	
PR 26-JUN-1998;	98US-0090863P.	CC	The invention relates to an isolated PRO polypeptide (secreted or transmembrane protein) having at least 80% amino acid sequence identity to an amino acid sequence chosen from 94 fully defined sequences as given in the specification (including PRO lacking its associated signal peptide, a PRO extracellular domain with or without its associated signal peptide). Also included are nucleic acids encoding the PRO proteins mentioned above, a vector comprising a PRO nucleic acid), a host cell comprising the vector and producing PRO, a chimaeric molecule comprising PRO fused to a heterologous amino acid sequence, and an anti-PRO antibody. PRO337 polypeptide is useful for detecting a PRO4993 polypeptide in a sample suspected of containing PRO4993 polypeptide.
PR 01-JUL-1998;	98US-0091359P.	CC	
PR 30-JUL-1998;	98US-0094651P.	Query Match	100.0%; Score 1760; DB 8; Length 331;
PR 11-SEP-1998;	98US-0100038P.	Best Local Similarity	100.0%; Pred. No. 1.4e-160;
PR 07-OCT-1998;	98WO-US021141.	Matches 331; Conservative	0; Mismatches 0; Indels 0; Gaps 0;
PR 20-NOV-1998;	98US-0109304P.		
PR 20-NOV-1998;	98WO-US024855.	QY	1 MENPSAALGKALCALLLATLGAAGQPLGGESICSAAPAKYSITFTGKWSQTAPPKQY 60
PR 22-DEC-1998;	98US-0113296P.	Db	1 MENPSAALGKALCALLLATLGAAGQPLGGESICSAAPAKYSITFTGKWSQTAPPKQY 60
PR 23-DEC-1998;	98US-0113621P.	QY	61 PLFRPPAOWSSLLGAHSSDYSMWRKNOYVNSGLRDFAEERGEAWALMKIEAAGALQSV 120
PR 08-JAN-1999;	99WO-US000106.	Db	61 PLFRPPAOWSSLLGAHSSDYSMWRKNOYVNSGLRDFAEERGEAWALMKIEAAGALQSV 120
PR 10-MAR-1999;	99WO-US005190.	QY	121 HEVFSAPAVPSGTGTSAELEVQRHSLVSVFVVRIVPSPDFWFGVDSLDCDGRWREQA 180
PR 12-MAR-1999;	99US-0123557P.	Db	121 HEVFSAPAVPSGTGTSAELEVQRHSLVSVFVVRIVPSPDFWFGVDSLDCDGRWREQA 180
PR 29-MAR-1999;	99US-0126773P.	QY	181 ALDLYPDAGTDSGTFFSSPNPATIPQDTVTITSSSSHPANSFYFPRKALPIARTV 240
PR 21-APR-1999;	99US-0130232P.	Db	181 ALDLYPDAGTDSGTFFSSPNPATIPQDTVTITSSSSHPANSFYFPRKALPIARTV 240
PR 26-APR-1999;	99US-0131022P.	QY	241 LLRLRQSPRAFIPPAVLPSRDNEIVDSASVETPLDCEVSLWSSWGLCGHCGRLGTSK 300
PR 28-APR-1999;	99US-0131445P.	Db	241 LLRLRQSPRAFIPPAVLPSRDNEIVDSASVETPLDCEVSLWSSWGLCGHCGRLGTSK 300
PR 14-MAY-1999;	99US-0134287P.	QY	301 RTRYVRVQFANNNGSPCPELEEEAEACVPCNCV 331
PR 14-MAY-1999;	99WO-US010733.		
PR 02-JUN-1999;	99WO-US012252.		
PR 16-JUN-1999;	99US-0139557P.		
PR 23-JUN-1999;	99US-0141037P.		
PR 07-JUL-1999;	99US-0142680P.		
PR 26-JUL-1999;	99US-0145698P.		
PR 28-JUL-1999;	99US-0146222P.		
PR 29-OCT-1999;	99US-0162506P.		
PR 30-NOV-1999;	99WO-US028313.		
PR 02-DEC-1999;	99WO-US028551.		
PR 02-DEC-1999;	99WO-US028565.		
PR 16-DEC-1999;	99WO-US030095.		
PR 30-DEC-1999;	99WO-US031243.		
PR 30-DEC-1999;	99WO-US031274.		
PR 05-JAN-2000;	2000WO-US000219.		
PR 06-JAN-2000;	2000WO-US000277.		
PR 06-JAN-2000;	2000WO-US000376.		
PR 11-FEB-2000;	2000WO-US003565.		
PR 18-FEB-2000;	2000WO-US004341.		
PR 24-FEB-2000;	2000WO-US005004.		
PR 02-MAR-2000;	2000WO-US005841.		
PR 10-MAR-2000;	2000WO-US006319.		

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Db 301 RTRYVRVQPNNGSPCELEEEAECPDNCV 331
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RESULT 64
ID ADG51033 standard; protein; 331 AA.
XX ADG51033;
XX
XX 25-MAR-2004 (first entry)
XX
XX Human secreted/transmembrane protein, PRO866.
DE
XX Human; secreted protein; transmembrane protein; PRO; cytostatic;
KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnery;
KW auditory; tumour growth; retinal disorder; sports-related joint problem;
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
KW wound healing; hearing loss.
XX
XX Homo sapiens.
OS
XX US2004005312-A1.
XX
XX 08-JAN-2004.
XX
XX 18-OCT-2001; 2001US-00145093.
XX
XX 15-APR-1998; 98US-0081952P.
XX
XX 08-MAR-1999; 99WO-US0005028.
XX
XX 25-AUG-1999; 99US-00380138.
XX
XX 30-NOV-1999; 99WO-US028313.
XX
XX 18-FEB-2000; 2000WO-US004341.
XX
XX 30-JUL-2001; 2001US-00918585.
XX
XX (GETH ) GENENTECH INC.
XX
XX Ashkenazi AJ, Baker KP, Botstein D, Denoyers L, Eaton DL;
PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
PI Kijavini IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
PI Stewart TA, Tumas D, Williams PM, Wood WI;
XX
XX WPI; 2004-081694/08.
XX
XX N-PSDB; ADG51032.
XX
XX New secreted and transmembrane PRO polypeptides and nucleic acids, useful
PT in gene therapy for treating obesity or diabetes, in chromosome and gene
PT mapping, as chromosome markers, in tissue typing, and in identifying
PT chromosome.
XX
XX Claim 12; SEQ ID NO 236; 462pp; English.
XX
XX The invention relates to an isolated PRO polypeptide (secreted or
CC transmembrane protein) having at least 80% amino acid sequence identity
CC to an amino acid sequence chosen from 94 fully defined sequences as given
CC in the specification (including PRO lacking its associated signal
CC peptide, a PRO extracellular domain with or without its associated signal
CC peptide). Also included are nucleic acids encoding the PRO proteins
CC mentioned above, a vector comprising a PRO nucleic acid, a host cell
CC comprising the vector and producing PRO, a chimeric molecule comprising
CC PRO fused to a heterologous amino acid sequence, and an anti-PRO
CC antibody. PRO337 polypeptide is useful for detecting a PRO4993
CC polypeptide in a sample suspected of containing PRO4993 polypeptide.
CC Similarly, PRO4993 polypeptide is useful for detecting PRO337
CC polypeptide. PRO725, and PRO1559 polypeptide is useful for detecting
CC PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a
CC bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive
CC molecule is the toxin, radiolabel, or an antibody. The bioactive molecule
CC causes death of the cell. PRO337 polypeptide is useful for linking a
CC bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,
CC PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule
CC to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is
CC useful for linking a bioactive molecule to a cell expressing PRO725,
CC PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337
CC polypeptide is useful for modulating at least one biological activity of
CC the cell expressing PRO337 polypeptide, where the cell is killed. PRO337
CC polypeptide or anti-PRO4993 polypeptide is useful for modulating the
CC biological activity of the cell expressing PRO4993 polypeptide; PRO725,
CC PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for
CC modulating the biological activity of the cell expressing PRO1559
CC polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-
CC PRO739 polypeptide is useful for modulating the biological activity of
CC the cell expressing PRO725, PRO700 or PRO739 polypeptide. The
CC polypeptides are useful for inhibiting tumour growth, retinal disorders,
CC sports-related joint problems, articular cartilage defects,
CC osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in
CC mammals. The present sequence represents a PRO protein.
XX
XX Sequence 331 AA;
SQ
Query Match 100.0%; Score 1760; DB 8; Length 331;
Best Local Similarity 100.0%; Pred. No. 1.4e-160; Indels 0; Gaps 0;
Matches 331; Conservative 0; Mismatches 0;
QY 1 MENPSPAAALGKALCALLLALTLGAAGQPLGGESIC SARAPAKYSITFTGKWSQTAPPKQY 60
DB 1 MENPSPAAALGKALCALLLALTLGAAGQPLGGESIC SARAPAKYSITFTGKWSQTAPPKQY 60
QY 61 PLFRPPAQWSSLGAAHSSDYSMWRKNQYVSNGLRDFAEERGEAWALMKIEAAGEALQSV 120
DB 61 PLFRPPAQWSSLGAAHSSDYSMWRKNQYVSNGLRDFAEERGEAWALMKIEAAGEALQSV 120
QY 121 HEVFSAPAVPSGTGTSAELEVRHSLSVSVVRIVPSDFVGVDSLDLCCGDRVREQA 180
DB 121 HEVFSAPAVPSGTGTSAELEVRHSLSVSVVRIVPSDFVGVDSLDLCCGDRVREQA 180
QY 181 ALDLYPYDAGTDSGTFSSPNEFATIPQDTVTITSSPSHPANSFYPRLKALPIARVT 240
DB 181 ALDLYPYDAGTDSGTFSSPNEFATIPQDTVTITSSPSHPANSFYPRLKALPIARVT 240
QY 241 LLRLRQSPRAFIPAPVLPSPRDNIEVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTSK 300
DB 241 LLRLRQSPRAFIPAPVLPSPRDNIEVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTSK 300
QY 301 RTRYVRVQPNNGSPCELEEEAECPDNCV 331
DB 301 RTRYVRVQPNNGSPCELEEEAECPDNCV 331
RESULT 65
ADG58977
ID ADG58977 standard; protein; 331 AA.
XX
XX ADG58977;
XX
XX 25-MAR-2004 (first entry)
XX
XX Human secreted/transmembrane protein, PRO866.
DE
XX Human; secreted protein; transmembrane protein; PRO; cytostatic;
KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnery;
KW auditory; tumour growth; retinal disorder; sports-related joint problem;
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
KW wound healing; hearing loss.
XX
XX Homo sapiens.
OS
XX US2004005657-A1.
XX
XX 08-JAN-2004.
XX
XX 25-OCT-2001; 2001US-00013919.
XX
XX 15-APR-1998; 98US-0081952P.
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PR 08-MAR-1999; 99WO-US005028.
 PR 25-AUG-1999; 99US-00380138.
 PR 30-NOV-1999; 99WO-US028313.
 PR 18-FEB-2000; 2000WO-US004341.
 PR 30-JUL-2001; 2001US-00918585.
 XX (GETH) GENENTECH INC.
 PA Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
 PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
 PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ; Shelton DL;
 PI Kijavini IJ, Kuo SS, Napier MA, Pan J, Paoi NF, Roy MA, Stewart TA, Tumas D, Williams PM, Wood WI;
 PI Stewart TA, Tumas D, Williams PM, Wood WI;
 XX WPI; 2004-081722/08.
 DR N-PSDB; ADG58976.
 XX New secreted and transmembrane PRO polypeptides and nucleic acid
 PT molecules, useful in gene therapy, or for diagnosing and treating
 PT neoplastic cell growth and proliferation, diabetes or cardiac
 PT insufficiency disorders in mammals.
 XX Claim 12; SEQ ID NO 236; 463pp; English.
 CC The invention relates to an isolated PRO polypeptide (secreted or
 CC transmembrane protein) having at least 80% amino acid sequence identity
 CC to an amino acid sequence chosen from 94 fully defined sequences as given
 CC in the specification (including PRO lacking its associated signal
 CC peptide, a PRO extracellular domain with or without its associated signal
 CC peptide). Also included are nucleic acids encoding the PRO proteins
 CC mentioned above, a vector comprising a PRO nucleic acid, a host cell
 CC comprising the vector and producing PRO, a chimaeric molecule comprising
 CC PRO fused to a heterologous amino acid sequence, and an anti-PRO
 CC antibody. PRO337 polypeptide is useful for detecting a PRO4993
 CC polypeptide in a sample suspected of containing PRO4993 polypeptide.
 CC Similarly, PRO4993 polypeptide is useful for detecting PRO337
 CC polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting
 CC PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting
 CC PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a
 CC bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive
 CC molecule is the toxin, radiolabel, or an antibody. The bioactive molecule
 CC causes death of the cell. PRO337 polypeptide is useful for linking a
 CC bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,
 CC PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule
 CC to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is
 CC useful for linking a bioactive molecule to a cell expressing PRO725,
 CC PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337
 CC polypeptide is useful for modulating at least one biological activity of
 CC the cell expressing PRO337 polypeptide, where the cell is killed. PRO337
 CC polypeptide or anti-PRO4993 polypeptide is useful for modulating the
 CC biological activity of the cell expressing PRO4993 polypeptide; PRO725,
 CC PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for
 CC modulating the biological activity of the cell expressing PRO1559
 CC polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-
 CC PRO739 polypeptide is useful for modulating the biological activity of
 CC the cell expressing PRO725, PRO700 or PRO739 polypeptide. The
 CC polypeptides are useful for inhibiting tumour growth, retinal disorders,
 CC sports-related joint problems, articular cartilage defects,
 CC osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in
 CC mammals. The present sequence represents a PRO protein.
 XX Sequence 331 AA;
 SQ
 Query Match 100.0%; Score 1760; DB 8; Length 331;
 Best Local Similarity 100.0%; Pred. No. 1.4e-160;
 Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 MENPSAALGKALCALLATLGAACQPLGGISCSARAPAKYITFTGKWSOTAPPKQY 60
 DB 1 MENPSAALGKALCALLATLGAACQPLGGISCSARAPAKYITFTGKWSOTAPPKQY 60
 QY 61 PLFRPPAOWSSLLGAHSSDYSMWRKNQYVNSGLRDFAEERGEAWALMKEIEAAGALQSV 120
 |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||

Db 61 PLFRPPAOWSSLLGAHSSDYSMWRKNQYVNSGLRDFAEERGEAWALMKEIEAAGALQSV 120
 QY 121 HEVFSAPAVPGTQTSAELEVRHSLVSVFVRIVPSPDFVGVDSLDLDCDGRWRQQA 180
 |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
 Db 121 HEVFSAPAVPGTQTSAELEVRHSLVSVFVRIVPSPDFVGVDSLDLDCDGRWRQQA 180
 |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
 QY 181 ALDLYPYDAGTDSGFTSSPNFATIPQDTVTTEITSSSPSHPANSFYPRLKALPPIARVT 240
 |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
 Db 181 ALDLYPYDAGTDSGFTSSPNFATIPQDTVTTEITSSSPSHPANSFYPRLKALPPIARVT 240
 |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
 QY 241 LLRLQSPRAPIPPAPVLPSPDNEIVDSASVPETPLDCEVSLWSSWGLCGGHCGLGTSK 300
 |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
 Db 241 LLRLQSPRAPIPPAPVLPSPDNEIVDSASVPETPLDCEVSLWSSWGLCGGHCGLGTSK 300
 |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
 QY 301 RTRYRVQPANNGSPCPLEBEEACVPCNCV 331
 |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
 Db 301 RTRYRVQPANNGSPCPLEBEEACVPCNCV 331
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 RESULT 66
 ADG62433
 ID ADG62433 standard; protein; 331 AA.
 XX ADG62433;
 AC ADG62433;
 XX 25-MAR-2004 (first entry)
 XX Human secreted/transmembrane protein, PRO866.
 DE Human secreted/transmembrane protein, PRO866.
 KW Human; secreted protein; transmembrane protein; PRO; cytostatic;
 KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnery;
 KW auditory; tumour growth; retinal disorder; sports-related joint problem;
 KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
 KW wound healing; hearing loss.
 XX Homo sapiens.
 OS US2004006219-A1.
 PN 08-JAN-2004.
 PD 25-OCT-2001; 2001US-00013920.
 PF 17-OCT-1997; 97US-0062250P.
 PR 03-NOV-1997; 97US-0064249P.
 PR 13-NOV-1997; 97US-0065311P.
 PR 21-NOV-1997; 97US-0066364P.
 PR 10-MAR-1998; 98US-0077450P.
 PR 11-MAR-1998; 98US-0077632P.
 PR 11-MAR-1998; 98US-0077641P.
 PR 11-MAR-1998; 98US-0077649P.
 PR 12-MAR-1998; 98US-0077791P.
 PR 13-MAR-1998; 98US-0078004P.
 PR 20-MAR-1998; 98US-0078866P.
 PR 20-MAR-1998; 98US-0078910P.
 PR 20-MAR-1998; 98US-0078936P.
 PR 20-MAR-1998; 98US-0078939P.
 PR 25-MAR-1998; 98US-0079294P.
 PR 26-MAR-1998; 98US-0079656P.
 PR 27-MAR-1998; 98US-0079663P.
 PR 27-MAR-1998; 98US-0079664P.
 PR 27-MAR-1998; 98US-0079689P.
 PR 27-MAR-1998; 98US-0079728P.
 PR 27-MAR-1998; 98US-0079786P.
 PR 30-MAR-1998; 98US-0079920P.
 PR 30-MAR-1998; 98US-0079923P.
 PR 31-MAR-1998; 98US-0080105P.
 PR 29-APR-1998; 98US-0083392P.
 PR 29-APR-1998; 98US-0083495P.
 PR 29-APR-1998; 98US-0083496P.
 PR 29-APR-1998; 98US-0083499P.
 PR 29-APR-1998; 98US-0083500P.
 PR 29-APR-1998; 98US-0083545P.

PR 29-APR-1998; 98US-0083554P.
PR 29-APR-1998; 98US-0083558P.
PR 29-APR-1998; 98US-0083559P.
PR 30-APR-1998; 98US-0083742P.
PR 03-MAY-1998; 98US-0084141P.
PR 05-MAY-1998; 98US-0084414P.
PR 06-MAY-1998; 98US-0084598P.
PR 07-MAY-1998; 98US-0084600P.
PR 07-MAY-1998; 98US-0084627P.
PR 07-MAY-1998; 98US-0084637P.
PR 07-MAY-1998; 98US-0084639P.
PR 07-MAY-1998; 98US-0084640P.
PR 07-MAY-1998; 98US-0084643P.
PR 13-MAY-1998; 98US-0085323P.
PR 13-MAY-1998; 98US-0085388P.
PR 13-MAY-1998; 98US-0085399P.
PR 15-MAY-1998; 98US-0085573P.
PR 15-MAY-1998; 98US-0085579P.
PR 15-MAY-1998; 98US-0085580P.
PR 15-MAY-1998; 98US-0085582P.
PR 15-MAY-1998; 98US-0085689P.
PR 15-MAY-1998; 98US-0085697P.
PR 15-MAY-1998; 98US-0085700P.
PR 15-MAY-1998; 98US-0085704P.
PR 18-MAY-1998; 98US-0086023P.
PR 22-MAY-1998; 98US-0086392P.
PR 22-MAY-1998; 98US-0086414P.
PR 22-MAY-1998; 98US-0086430P.
PR 22-MAY-1998; 98US-0086486P.
PR 28-MAY-1998; 98US-0087098P.
PR 28-MAY-1998; 98US-0087106P.
PR 28-MAY-1998; 98US-0087208P.
PR 28-MAY-1998; 98US-0090863P.
PR 26-JUN-1998; 98US-0091010P.
PR 01-JUL-1998; 98US-0091359P.
PR 30-JUL-1998; 98US-0094651P.
PR 11-SEP-1998; 98US-0100038P.
PR 07-OCT-1998; 98WO-US021141.
PR 20-NOV-1998; 98US-0109304P.
PR 20-NOV-1998; 98WO-US024855.
PR 22-DEC-1998; 98US-0113296P.
PR 23-DEC-1998; 98US-0113621P.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 12-MAR-1999; 99US-0123957P.
PR 29-MAR-1999; 99US-0126773P.
PR 21-APR-1999; 99US-0130232P.
PR 26-APR-1999; 99US-0131022P.
PR 28-APR-1999; 99US-0131445P.
PR 14-MAY-1999; 99US-0134287P.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 16-JUN-1999; 99US-0139557P.
PR 23-JUN-1999; 99US-0141037P.
PR 07-JUL-1999; 99US-0142680P.
PR 26-JUL-1999; 99US-0145698P.
PR 28-JUL-1999; 99US-0146222P.
PR 30-OCT-1999; 99US-0162506P.
PR 30-NOV-1999; 99WO-US028313.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US0003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 24-FEB-2000; 2000WO-US005004.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 24-AUG-2000; 2000WO-US023328.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001WO-US006520.
PR 22-MAR-2001; 2001WO-US009552.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001WO-US017800.
PR 20-JUN-2001; 2001WO-US019692.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 30-JUL-2001; 2001US-00918585.
XX (GETH) GENENTECH INC.
XX Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL; Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME; Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ; Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NP, Roy MA, Shelton DL; Stewart TA, Tumas D, Williams PM, Wood WI;
XX WPI; 2004-090107/09.
XX N-PSDB; ADG62432.
XX Novel secreted and transmembrane PRO polypeptides useful for treating diabetes, kidney disorders (Berger disease, celiac disease), pericyte-associated tumors, arthritis and cardiac insufficiency disorders.
XX Claim 12; SEQ ID NO 236; 458pp; English.
XX The invention relates to an isolated PRO polypeptide (secreted or transmembrane protein) having at least 80% amino acid sequence identity to an amino acid sequence chosen from 94 fully defined sequences as given in the specification (including PRO lacking its associated signal peptide, a PRO extracellular domain with or without its associated signal peptide). Also included are nucleic acids encoding the PRO proteins mentioned above, a vector comprising a PRO nucleic acid, a host cell comprising the vector and producing PRO, a chimeric molecule comprising PRO fused to a heterologous amino acid sequence, and an anti-PRO antibody. PRO337 polypeptide is useful for detecting a PRO4993 polypeptide. PRO4993 polypeptide is useful for detecting PRO337 polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive molecule is the toxin, radiolabel, or an antibody. The bioactive molecule causes death of the cell. PRO337 polypeptide is useful for linking a bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725, PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is useful for linking a bioactive molecule to a cell expressing PRO725, PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337 polypeptide is useful for modulating at least one biological activity of the cell expressing PRO337 polypeptide, where the cell is killed. PRO337 polypeptide or anti-PRO4993 polypeptide is useful for modulating the biological activity of the cell expressing PRO4993 polypeptide; PRO725, PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for modulating the biological activity of the cell expressing PRO1559 polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-PRO739 polypeptide is useful for modulating the biological activity of the cell expressing PRO725, PRO700 or PRO739 polypeptide. The polypeptides are useful for inhibiting tumour growth, retinal disorders, sports-related joint problems, articular cartilage defects, osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in mammals. The present sequence represents a PRO protein.


```
XX Homo sapiens.
OS
XX EP1396543-A2.
XX
XX 10-MAR-2004.
XX
XX 07-JUL-2000; 2003EP-00025638.
XX
XX 08-JUL-1999; 99JP-00194486.
XX
XX 11-JAN-2000; 2000JP-00118774.
XX
XX 02-MAY-2000; 2000JP-00183865.
XX
XX 07-JUL-2000; 2000EP-00114089.
XX
XX (REAS-) RES ASSOC BIOTECHNOLOGY.
XX
XX Ota T, Nishikawa T, Isogai T, Hayashi K, Ishii S, Kawai Y;
PI Wakamatsu A, Sugiyama T, Nagai K, Kojima S, Otsuki T, Koga H;
XX
XX WPI; 2004-204755/20.
XX
XX N-PSDB; ADL30693.
XX
XX New oligonucleotide primers (830 cDNAs) useful for synthesizing full
XX length human cDNAs.
XX
XX Example 1; SEQ ID NO 2727; 1340pp; English.
XX
XX This invention relates to a novel primers useful for synthesizing full
XX length cDNA molecules that encode human proteins. Specifically, it refers
XX to secretory or membrane proteins that are potential therapeutic agents/
XX target molecules in the field of medicine, and in particular genes
XX encoding proteins that are associated with signal transduction,
XX glycoproteins and transcription. The present invention describes a method
XX for efficiently cloning a full length human cDNA from both the 5' and 3'
XX ends using the oligo-capping method. This polypeptide sequence is a full
XX length human protein of the invention.
XX
XX Sequence 331 AA;
XX
XX Query Match 100.0%; Score 1760; DB 8; Length 331;
XX Best Local Similarity 100.0%; Pred. No. 1.4e-160;
XX Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX QY 1 MENPSPAALGKALCALLATLGAAGPLGGSIC SARAPAKYSITFTGKWSQTAPKQY 60
XX DB 1 MENPSPAALGKALCALLATLGAAGPLGGSIC SARAPAKYSITFTGKWSQTAPKQY 60
XX
XX QY 61 PLFRPPAOWSSLLGAHSSDYSWMRNQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120
XX DB 61 PLFRPPAOWSSLLGAHSSDYSWMRNQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120
XX
XX QY 121 HEVFSAPAVPSGTGQTSAELEVRHSLVSFVVRIVPSPDFVGVDSLDLDCGDRWREQA 180
XX DB 121 HEVFSAPAVPSGTGQTSAELEVRHSLVSFVVRIVPSPDFVGVDSLDLDCGDRWREQA 180
XX
XX QY 181 ALDLYPDAGTDSGFTSSPNFATIQDVTTEITSSSPHPANSFYPRLKALPPARVT 240
XX DB 181 ALDLYPDAGTDSGFTSSPNFATIQDVTTEITSSSPHPANSFYPRLKALPPARVT 240
XX
XX QY 241 LLRLRSPRAFIPAPVLPSPRDNIEVDSASVPETPLDCEVLSWSSWGLCGHCGRLGTKS 300
XX DB 241 LLRLRSPRAFIPAPVLPSPRDNIEVDSASVPETPLDCEVLSWSSWGLCGHCGRLGTKS 300
XX
XX QY 301 RTRYVRVQPNNGSPCPPELEEEAECPDNCV 331
XX DB 301 RTRYVRVQPNNGSPCPPELEEEAECPDNCV 331
XX
XX RESULT 69
XX ADM17235
XX ID ADM17235 standard; protein; 331 AA.
XX
XX ADM17235;
```

```
XX DT
XX DE
XX
XX Human secreted/transmembrane protein, PRO866.
XX
XX Human; secreted protein; transmembrane protein; PRO; cytostatic;
XX ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnery;
XX auditory; tumour growth; retinal disorder; sports-related joint problem;
XX articular cartilage defects; osteoarthritis; rheumatoid arthritis;
XX wound healing; hearing loss.
XX
XX Homo sapiens.
XX
XX US2004048332-A1.
XX
XX 11-MAR-2004.
XX
XX 24-OCT-2001; 2001US-00999831.
XX
XX 29-APR-1998; 98US-0083545P.
XX
XX 08-MAR-1999; 99WO-US005028.
XX
XX 25-AUG-1999; 99US-00380138.
XX
XX 29-OCT-1999; 99US-0162506P.
XX
XX 02-DEC-1999; 99WO-US028551.
XX
XX 18-FEB-2000; 2000WO-US004341.
XX
XX 30-JUL-2001; 2001US-00918585.
XX
XX (GETH ) GENENTECH INC.
XX
XX Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
XX Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
XX Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
XX Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
XX Stewart TA, Tumas D, Williams FM, Wood WI;
XX WPI; 2004-238493/22.
XX
XX N-PSDB; ADM17234.
XX
XX New secreted and transmembrane PRO polypeptides and nucleic acid
XX molecules, useful in gene therapy, or for diagnosing and treating
XX neoplastic cell growth and proliferation, diabetes or cardiac
XX insufficiency disorders in mammals.
XX
XX Claim 12; SEQ ID NO 236; 461pp; English.
XX
XX The invention relates to an isolated PRO polypeptide (secreted or
XX transmembrane protein) having at least 80% amino acid sequence identity
XX to an amino acid sequence chosen from 94 fully defined sequences as given
XX in the specification (including PRO lacking its associated signal
XX peptide, a PRO extracellular domain with or without its associated signal
XX peptide). Also included are nucleic acids encoding the PRO proteins
XX mentioned above, a vector comprising a PRO nucleic acid, a host cell
XX comprising the vector and producing PRO, a chimeric molecule comprising
XX PRO fused to a heterologous amino acid sequence, and an anti-PRO
XX antibody. PRO337 polypeptide is useful for detecting a PRO4993
XX polypeptide in a sample suspected of containing PRO4993 polypeptide.
XX Similarly, PRO4993 polypeptide is useful for detecting PRO337
XX polypeptide. PRO700 or PRO739 polypeptide is useful for detecting
XX PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting a
XX PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a
XX bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive
XX molecule is the toxin, radiolabel, or an antibody. The bioactive molecule
XX causes death of the cell. PRO337 polypeptide is useful for linking a
XX bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,
XX PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule
XX to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is
XX useful for linking a bioactive molecule to a cell expressing PRO725,
XX PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337
XX polypeptide is useful for modulating at least one biological activity of
XX the cell expressing PRO337 polypeptide, where the cell is killed. PRO337
XX polypeptide or anti-PRO4993 polypeptide is useful for modulating the
XX biological activity of the cell expressing PRO4993 polypeptide; PRO725,
XX PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for
```

CC	modulating the biological activity of the cell expressing PRO1559		
CC	polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-		
CC	PRO739 polypeptide is useful for modulating the biological activity of		
CC	the cell expressing PRO725, PRO700 or PRO739 polypeptide. The		
CC	polypeptides are useful for inhibiting tumour growth, retinal disorders,		
CC	sports-related joint problems, articular cartilage defects,		
CC	osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in		
CC	mammals. The present sequence represents a PRO protein.		
XX	Sequence 331 AA;		
QY	Query Match	100.0%; Score 1760; DB 8; Length 331;	
QY	Best Local Similarity	100.0%; Pred. No. 1.4e-160;	
QY	Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;		
QY	1	MENPSPAALGKALCALLATLGAAGQPLGGESIC SARAPAKYISFTTCKWQTAPPKQY 60	
Db	1	MENPSPAALGKALCALLATLGAAGQPLGGESIC SARAPAKYISFTTCKWQTAPPKQY 60	
QY	61	PLFRPPAOWSSLLGAHSSDYSMWRKNQYVSNGLRDFAEERGEAWALMKEIEAAGEALQSV 120	
Db	61	PLFRPPAOWSSLLGAHSSDYSMWRKNQYVSNGLRDFAEERGEAWALMKEIEAAGEALQSV 120	
QY	121	HEVFSAPAVPGTQTSABEVRHSLVSVFVRIVPSPDFVGVDSLDLDCGDRWREQA 180	
Db	121	HEVFSAPAVPGTQTSABEVRHSLVSVFVRIVPSPDFVGVDSLDLDCGDRWREQA 180	
QY	181	ALDLVPYDAGTSGFTFSSPNFATIPQDTVTETSSPSHPANSFYPRKALPPIARTVT 240	
Db	181	ALDLVPYDAGTSGFTFSSPNFATIPQDTVTETSSPSHPANSFYPRKALPPIARTVT 240	
QY	241	LLRLQSPRAFIPAPVLPFSRDNEIVDSASVPETPLDCEVLSWMLCGHCGRLGTSK 300	
Db	241	LLRLQSPRAFIPAPVLPFSRDNEIVDSASVPETPLDCEVLSWMLCGHCGRLGTSK 300	
QY	301	RTRYRVQPNNGSPCELEEEAECPDNCV 331	
Db	301	RTRYRVQPNNGSPCELEEEAECPDNCV 331	
RESULT 70			
ADL07069			
ID	ADL07069 standard; protein; 331 AA.		
XX			
AC	ADL07069;		
XX			
DT	17-JUN-2004 (first entry)		
XX			
DE	Human secreted/transmembrane protein, PRO866.		
XX			
KW	Human; secreted protein; transmembrane protein; PRO; cytostatic;		
KW	ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnery;		
KW	auditory; tumour growth; retinal disorder; sports-related joint problem;		
KW	articular cartilage defects; osteoarthritis; rheumatoid arthritis;		
KW	wound healing; hearing loss.		
XX			
OS	Homo sapiens.		
XX			
PN	US2004063921-A1.		
XX			
PD	01-APR-2004.		
XX			
PF	25-OCT-2001; 2001US-00013917.		
XX			
PR	17-MAR-1998; 98US-00040220.		
PR	26-JUN-1998; 98US-00105413.		
PR	07-OCT-1998; 98US-00168978.		
PR	07-OCT-1998; 98WO-US021141.		
PR	02-NOV-1998; 98US-00184216.		
PR	06-NOV-1998; 98US-00187368.		
PR	20-NOV-1998; 98WO-US024855.		
PR	07-DEC-1998; 98US-00202054.		
PR	22-DEC-1998; 98US-00218517.		

PR	05-JAN-1999; 99WO-US000106.	
PR	05-MAR-1999; 99US-00254465.	
PR	08-MAR-1999; 99WO-US005028.	
PR	10-MAR-1999; 99US-00265686.	
PR	10-MAR-1999; 99WO-US005190.	
PR	12-MAR-1999; 99US-00267213.	
PR	12-APR-1999; 99US-00284291.	
PR	14-MAY-1999; 99US-00311832.	
PR	14-MAY-1999; 99US-00380137.	
PR	14-MAY-1999; 99WO-US010733.	
PR	02-JUN-1999; 99WO-US012252.	
PR	25-AUG-1999; 99US-00380138.	
PR	25-AUG-1999; 99US-00380142.	
PR	30-NOV-1999; 99WO-US028313.	
PR	02-DEC-1999; 99WO-US028551.	
PR	16-DEC-1999; 99WO-US028565.	
PR	16-DEC-1999; 99WO-US030095.	
PR	30-DEC-1999; 99WO-US031243.	
PR	05-JAN-2000; 2000WO-US000219.	
PR	06-JAN-2000; 2000WO-US000277.	
PR	11-FEB-2000; 2000WO-US000376.	
PR	18-FEB-2000; 2000WO-US0003565.	
PR	24-FEB-2000; 2000WO-US004341.	
PR	02-MAR-2000; 2000WO-US005004.	
PR	10-MAR-2000; 2000WO-US005841.	
PR	21-MAR-2000; 2000WO-US006319.	
PR	30-MAR-2000; 2000WO-US007532.	
PR	17-MAY-2000; 2000WO-US008439.	
PR	22-MAY-2000; 2000WO-US013705.	
PR	30-MAY-2000; 2000WO-US014042.	
PR	02-JUN-2000; 2000WO-US014941.	
PR	28-JUL-2000; 2000WO-US015264.	
PR	24-AUG-2000; 2000WO-US020710.	
PR	08-NOV-2000; 2000WO-US023328.	
PR	27-NOV-2000; 2000US-00709238.	
PR	01-DEC-2000; 2000US-00723749.	
PR	20-DEC-2000; 2000WO-US032678.	
PR	20-DEC-2000; 2000US-00747259.	
PR	28-DEC-2000; 2000WO-US034956.	
PR	28-FEB-2001; 2001WO-US006520.	
PR	22-MAR-2001; 2001US-00816744.	
PR	22-MAR-2001; 2001US-00816920.	
PR	10-MAY-2001; 2001WO-US009552.	
PR	10-MAY-2001; 2001US-00854208.	
PR	25-MAY-2001; 2001US-00854280.	
PR	01-JUN-2001; 2001WO-US017092.	
PR	01-JUN-2001; 2001US-00872035.	
PR	05-JUN-2001; 2001WO-US017800.	
PR	14-JUN-2001; 2001US-00874503.	
PR	19-JUN-2001; 2001US-00882636.	
PR	20-JUN-2001; 2001US-00886342.	
PR	29-JUN-2001; 2001WO-US019692.	
PR	09-JUL-2001; 2001WO-US021066.	
PR	30-JUL-2001; 2001WO-US021735.	
XX	2001US-00918585.	
PA	(GETH) GENENTECH INC.	
XX		
PI	Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;	
PI	Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;	
PI	Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;	
PI	Kl javin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;	
PI	Stewart TA, Tumas D, Williams PM, Wood WI;	
XX		
DR	WPI; 2004-282524/26.	
DR	N-PSDB; ADL07068.	
XX		
PT	New PRO polynucleotides and polypeptides, used as molecular weight	
PT	markers and are useful in chromosome mapping and tissue typing and in	
PT	treating tumors.	
XX		
PS	Claim 12; SEQ ID NO 236; 464pp; English.	

XX The invention relates to an isolated PRO polypeptide (secreted or
CC transmembrane protein) having at least 80% amino acid sequence identity
CC to an amino acid sequence chosen from 94 fully defined sequences as given
CC in the specification (including PRO lacking its associated signal
CC peptide), a PRO extracellular domain with or without its associated signal
CC peptide). Also included are nucleic acids encoding the PRO proteins
CC mentioned above, a vector comprising a PRO nucleic acid), a host cell
CC comprising the vector and producing PRO, a chimeric molecule comprising
CC PRO fused to a heterologous amino acid sequence, and an anti-PRO
CC antibody. PRO337 polypeptide is useful for detecting a PRO4993
CC polypeptide in a sample suspected of containing PRO4993 polypeptide.
CC Similarly, PRO4993 polypeptide is useful for detecting PRO337
CC polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting
CC PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting
CC PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a
CC bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive
CC molecule is the toxin, radiolabel, or an antibody. The bioactive molecule
CC causes death of the cell. PRO337 polypeptide is useful for linking a
CC bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,
CC PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule
CC to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is
CC useful for linking a bioactive molecule to a cell expressing PRO725,
CC PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337
CC polypeptide is useful for modulating at least one biological activity of
CC the cell expressing PRO337 polypeptide, where the cell is killed. PRO337
CC polypeptide or anti-PRO4993 polypeptide is useful for modulating the
CC biological activity of the cell expressing PRO4993 polypeptide; PRO725,
CC PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for
CC modulating the biological activity of the cell expressing PRO1559
CC polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-
CC PRO739 polypeptide is useful for modulating the biological activity of
CC the cell expressing PRO725, PRO700 or PRO739 polypeptide. The
CC polypeptides are useful for inhibiting tumour growth, retinal disorders,
CC sports-related joint problems, articular cartilage defects,
CC osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in
CC mammals. The present sequence represents a PRO protein.
XX
SQ Sequence 331 AA;

Query Match 100.0%; Score 1760; DB 8; Length 331;
Best Local Similarity 100.0%; Pred. NO. 1.4e-160;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MENPSPAALGKALCALLATLGAAGQPLGGESIC SARAPAKYSITFTGKWSQTAPPKQY 60
DB |||||
1 MENPSPAALGKALCALLATLGAAGQPLGGESIC SARAPAKYSITFTGKWSQTAPPKQY 60
QY 61 PLFRPPAOWSSLLGAHSSDYSNWRKNQYVNSGLRDFAEERGEAWALMKIEAAGEALQSV 120
DB |||||
61 PLFRPPAOWSSLLGAHSSDYSNWRKNQYVNSGLRDFAEERGEAWALMKIEAAGEALQSV 120
QY 121 HEVFSAPVPSGTGTSASLEVRHSLVSFVRIIVPSDFWVGVDLDCGDRWREQA 180
DB |||||
121 HEVFSAPVPSGTGTSASLEVRHSLVSFVRIIVPSDFWVGVDLDCGDRWREQA 180
QY 181 ALDLYPYDAGTDSGFTTSSPNFATIPQDTVTTEITSSSPSHPANSFYPRLKALPIIARTV 240
DB |||||
181 ALDLYPYDAGTDSGFTTSSPNFATIPQDTVTTEITSSSPSHPANSFYPRLKALPIIARTV 240
QY 241 LLRLRQSPRAFIIPAPVLPSRNEIIVDSASVETPLDCEVLSWSSGLCGHCGRLGTGS 300
DB |||||
241 LLRLRQSPRAFIIPAPVLPSRNEIIVDSASVETPLDCEVLSWSSGLCGHCGRLGTGS 300
QY 301 RTYRVVQPNNGSPCPPELEEEAECPDNCV 331
DB |||||
301 RTYRVVQPNNGSPCPPELEEEAECPDNCV 331

RESULT 71
ADT93925
ID ADT93925 standard; protein; 331 AA.
XX

AC ADT93925;
XX
DT 16-DEC-2004 (first entry)
XX
DE Human PRO866 protein sequence.
XX
KW thrombolytic; vasotrophic; cytostatic; PRO866 polypeptide; tumor;
KW carcinoma; lymphoma; breast cancer; prostate cancer; colon cancer;
KW pancreatic cancer; kidney cancer; thyroid cancer; deep vein thrombosis;
KW peripheral vascular disease; chromosome mapping; gene mapping;
KW transgenic animal; knock-out animal.
OS Homo sapiens.
XX
FH Key Location/Qualifiers
FT Peptide 1..26
FT Protein /note= "signal peptide"
FT Protein 27..331
FT Protein /note= "mature protein"
XX
PN AU2002313838-A1.
XX
PD 27-MAR-2003.
XX
PF 02-DEC-2002; 2002AU-00313838.
XX
PR 08-MAR-1999; 99AU-00030721.
XX
PA (GETH) GENENTECH INC.
XX
PI Chen J, Baker KP, Yuan J, Gurney A, Audrey G, Wood WI;
XX WPI; 2004-662587/65.
DR N-PSDB; ADT93924.
XX
PT New PRO866 polypeptide, for use in treatment of tumor such as breast
PT cancer, carcinoma, and in treatment of deep vein thrombosis or peripheral
PT vascular disease.
XX
PS Claim 10; SEQ ID NO 236; 106pp; English.
XX
CC The invention relates to an isolated native sequence PRO866 polypeptide
CC (I) having 80% sequence identity to a fully defined sequence of 331 amino
CC acids (S1), given in the specification, or having 80% sequence identity
CC to amino acid sequence encoded by a nucleotide deposited under accession
CC number American Type Culture Collection (ATCC) 209750. (I) is useful in a
CC method of medical treatment. (I) is useful in the treatment of tumor
CC (claimed). (I) is useful in the treatment of carcinoma, lymphoma, breast
CC cancer, prostate cancer, colon cancer, pancreatic cancer, kidney cancer,
CC thyroid cancer, etc. (I) is useful in both in vivo for therapeutic
CC purposes and in vitro. (I) is useful in treatment of deep vein
CC thrombosis or peripheral vascular disease. (I) is useful for screening
CC compounds in variety of drug screening techniques. (II) is useful as
CC hybridization probe in chromosome and gene mapping and in the generation
CC of anti-sense RNA and DNA. (II) is useful in generating either transgenic
CC animals or knock out animals, that are useful in the development and
CC screening of therapeutically useful reagents. This sequence corresponds
CC to the PRO866 protein of the invention.
XX
SQ Sequence 331 AA;

Query Match 100.0%; Score 1760; DB 8; Length 331;
Best Local Similarity 100.0%; Pred. NO. 1.4e-160;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MENPSPAALGKALCALLATLGAAGQPLGGESIC SARAPAKYSITFTGKWSQTAPPKQY 60
DB |||||
1 MENPSPAALGKALCALLATLGAAGQPLGGESIC SARAPAKYSITFTGKWSQTAPPKQY 60
QY 61 PLFRPPAOWSSLLGAHSSDYSNWRKNQYVNSGLRDFAEERGEAWALMKIEAAGEALQSV 120
DB |||||
61 PLFRPPAOWSSLLGAHSSDYSNWRKNQYVNSGLRDFAEERGEAWALMKIEAAGEALQSV 120

Qy	121	HEVFSAPVPSGTGQTSABLEVQRHSLVSFVVRIVPSPDWFGVDSLDLDCGDRWREQA	180
Db	121	HEVFSAPVPSGTGQTSABLEVQRHSLVSFVVRIVPSPDWFGVDSLDLDCGDRWREQA	180
Qy	181	ALDLYPYDAGTDSGFTFSSPNFATIPQDTVTETITSSSPSHPANSFYYPRLKALPPIARVT	240
Db	181	ALDLYPYDAGTDSGFTFSSPNFATIPQDTVTETITSSSPSHPANSFYYPRLKALPPIARVT	240
Qy	241	LLRLRQSPRAFIPAPVLPFSRDNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTKS	300
Db	241	LLRLRQSPRAFIPAPVLPFSRDNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTKS	300
Qy	301	RTRYVRVQPANNGSPCPELEEEAECPDNCV	331
Db	301	RTRYVRVQPANNGSPCPELEEEAECPDNCV	331

Search completed: June 6, 2005, 12:37:58
Job time : 94 secs

86 1760 100.0 331 15 US-10-013-919A-236 Sequence 236, App
87 1760 100.0 331 15 US-10-013-920A-236 Sequence 236, App
88 1760 100.0 331 15 US-10-164-749A-236 Sequence 236, App
89 1760 100.0 331 15 US-10-013-917A-236 Sequence 236, App
90 1760 100.0 331 16 US-10-152-388B-236

ALIGNMENTS

RESULT 1

US-09-978-295A-236
; Sequence 236, Application US/09978295A
; Patent No. US20020156006A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC11
; CURRENT APPLICATION NUMBER: US/09/978,295A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
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; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082700
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; PRIOR APPLICATION NUMBER: 60/082797
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082796

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61 PLFRPPAQWSSLLGAHSDYSMMWKQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120
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121 HEVFSAPAVPSGTGOTSABELEVORRHSLVSFVVRIVPSPDFVGVDSLDLDCGDRWREQA 180
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241 LLRLQSPRAFIAPPAPVLPSPDRNEIVDSASVETPLDCEVSLWSSWGLCGHCGRLGTGS 300
241 LLRLQSPRAFIAPPAPVLPSPDRNEIVDSASVETPLDCEVSLWSSWGLCGHCGRLGTGS 300
301 RTRYVRVQPNNGSPCELEEEAECPDNCV 331
301 RTRYVRVQPNNGSPCELEEEAECPDNCV 331

RESULT 2
US-09-938-418-8
; Sequence 8, Application US/09938418
; Patent No. US20020161199A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul
; APPLICANT: Gurney, Austin L.
; APPLICANT: Polakis, Paul
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Wu, Thomas D.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
; FILE REFERENCE: P5009R1
; CURRENT APPLICATION NUMBER: US/09/938,418
; CURRENT FILING DATE: 2001-08-23
; PRIOR APPLICATION NUMBER: 60/081,071
; PRIOR FILING DATE: 1998-04-07
; PRIOR APPLICATION NUMBER: 60/085,697
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/097,022
; PRIOR FILING DATE: 1998-08-18
; PRIOR APPLICATION NUMBER: 60/101,922
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/103,679
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: PCT/US99/05028
; PRIOR FILING DATE: 1999-03-08
; PRIOR APPLICATION NUMBER: PCT/US99/12252
; PRIOR FILING DATE: 1999-06-02
; PRIOR APPLICATION NUMBER: PCT/US99/20111
; PRIOR FILING DATE: 1999-09-01
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US00/04342
; PRIOR FILING DATE: 2000-02-18
; PRIOR APPLICATION NUMBER: PCT/US00/04341
; PRIOR FILING DATE: 2000-02-18
; PRIOR APPLICATION NUMBER: PCT/US00/05841
; PRIOR FILING DATE: 2000-03-02
; PRIOR APPLICATION NUMBER: PCT/US00/08439
; PRIOR FILING DATE: 2000-03-30
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: PCT/US00/23328
; PRIOR FILING DATE: 2000-08-24
; PRIOR APPLICATION NUMBER: PCT/US00/32678

Query Match 100.0%; Score 1760; DB 9; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MENPSAALGKALLATLGAAGQPLGGESICARAPAKYSITFTGKWSQTAPPKQY 60

;; PRIOR FILING DATE: 2000-12-01
;; PRIOR APPLICATION NUMBER: PCT/US01/06520
;; PRIOR FILING DATE: 2001-02-28
;; PRIOR APPLICATION NUMBER: PCT/US01/17800
;; PRIOR FILING DATE: 2001-06-01
;; PRIOR APPLICATION NUMBER: PCT/US01/19692
;; PRIOR FILING DATE: 2001-06-20
;; PRIOR APPLICATION NUMBER: PCT/US01/21066
;; PRIOR FILING DATE: 2001-06-29
;; PRIOR APPLICATION NUMBER: PCT/US01/21735
;; PRIOR FILING DATE: 2001-07-09
;; NUMBER OF SEQ ID NOS: 10
;; SEQ ID NO 8
;; LENGTH: 331
;; TYPE: PRT
;; ORGANISM: Homo Sapien
US-09-938-418-8

Query Match 100.0%; Score 1760; DB 9; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 121 HEVFSAPAVPGTGTGTSAELEVORRHSLVSFVVRIVPSPDFVGVDSLDLDCGDRWRQQA 180

Qy 181 ALDLYPDAGTDSGTFSSPNFATIPQDTVTITSSSPSHPFANGFYPRLKALPIARVT 240
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RESULT 3
US-09-978-697-236
; Sequence 236: Application US/09978697
; Patent No. US20020169284A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.

;; APPLICANT: Roy, Margaret Ann
;; APPLICANT: Shelton, David L.
;; APPLICANT: Stewart, Timothy A.
;; APPLICANT: Tumas, Daniel
;; APPLICANT: Williams, P. Mickey
;; APPLICANT: Wood, William I.
;; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
;; FILE REFERENCE: P2630P1C27
;; CURRENT APPLICATION NUMBER: US/09/978,697
;; CURRENT FILING DATE: 2001-10-16
;; PRIOR APPLICATION NUMBER: 09/918585
;; PRIOR FILING DATE: 2001-07-30
;; PRIOR APPLICATION NUMBER: 60/062250
;; PRIOR FILING DATE: 1997-10-17
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;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1760; DB 9; Length 331;

Best Local Similarity 100.0%; Pred. No. 2.3e-150; Mismatches 0; Indels 0; Gaps 0;
Matches 331; Conservative

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DB 1 MENPSAAALGKALCALLATLGAAGQPLGGESICSAAPAKYSITFTGKWSQTAPPKQY 60
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DB 61 PLFRPPAQWSSLLGAAHSSDYSMWRKQVNSGLRDFABERGEAWALMKEIEAAGEALQSV 120
QY 121 HEVFSAPAVPGTGTGTSAELEVQRBHSLVSFVVRIVPSDPWFVDSLDLDCGDRWREA 180
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DB 181 ALDLYPYDAGTDSGFTFSSPNFATIPQDVTVEITSSSPSHPANSFYPRLKALPPIARVT 240
QY 241 LLRLRQSPRAFIAPPAPVLPFRSDNEIVDSASVPEPDLCEVSLWSSWGLCGHCGRLGTS 300
DB 241 LLRLRQSPRAFIAPPAPVLPFRSDNEIVDSASVPEPDLCEVSLWSSWGLCGHCGRLGTS 300
QY 301 RTRYVRVQPNNGSPCEPEEEAECPDNCV 331
DB 301 RTRYVRVQPNNGSPCEPEEEAECPDNCV 331

RESULT 4

US-09-978-192A-236
; Sequence 236, Application US/09978192A
; Patent No. US2002017753A1

GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary B.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavir, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C9
CURRENT APPLICATION NUMBER: US/09/978,192A
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
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;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1760; DB 9; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	MENPSAALGKALCALLATLGAAGQPLGGESICSAAPAKYSITFTCKWSOTAPPKQY	60
Db	1	MENPSAALGKALCALLATLGAAGQPLGGESICSAAPAKYSITFTCKWSOTAPPKQY	60
Qy	61	PLFRPPAQMSSLLGAHSDYSVMRKQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV	120
Db	61	PLFRPPAQMSSLLGAHSDYSVMRKQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV	120
Qy	121	HEVFSAPVPGTGTSAELEVQRHSLVSFVVRIVPSPDFVDSLDLDCDGRWRQEA	180
Db	121	HEVFSAPVPGTGTSAELEVQRHSLVSFVVRIVPSPDFVDSLDLDCDGRWRQEA	180
Qy	181	ALDLYPYDAGTDSGTFSPNATIPQDTVTBITSSPSHPANSFYPRLKALPIARVT	240
Db	181	ALDLYPYDAGTDSGTFSPNATIPQDTVTBITSSPSHPANSFYPRLKALPIARVT	240
Qy	241	LURLQSPRAFIPPAVPLPSRNEIVDSASVPTPLDCEVSLWSSWGLCGHCGRLGTS	300
Db	241	LURLQSPRAFIPPAVPLPSRNEIVDSASVPTPLDCEVSLWSSWGLCGHCGRLGTS	300
Qy	301	RTRYVRVQPNANGSPCEPELEEAECVPCNCV	331
Db	301	RTRYVRVQPNANGSPCEPELEEAECVPCNCV	331

RESULT 5
US-09-999-832A-236
; Sequence 236, Application US/09999832A
; Publication No. US20020192706A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC63
; CURRENT APPLICATION NUMBER: US/09/999,832A
; CURRENT FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
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;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1760; DB 9; Length 331;

Best Local Similarity 100.0%; Pred. No. 2.3e-150; Mismatches 0; Indels 0; Gaps 0;
Matches 331; Conservative 0;

Qy 1 MENPSRAALGKALCALLATLGAAGQPLGGESICSAAPAKYISITFTGKWSQTAPPKQY 60
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Db 61 PLFRPPAOWSSLLGAHSSDYSMRKQYVNGNGLRDFAEERGEANALMKEIEAAGEALQSV 120
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Qy 121 HEVFSAPAVPSGTGOTSLEBQVRRHSLSVFWVRIVPSPDFVGVDSLDLDCGDRWRQQA 180
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Db 121 HEVFSAPAVPSGTGOTSLEBQVRRHSLSVFWVRIVPSPDFVGVDSLDLDCGDRWRQQA 180
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[illegible]

RESULT 6

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US-09-978-189-236
; Sequence 236, Application US/09978189
; Publication No. US20030004102A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
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; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C7
; CURRENT APPLICATION NUMBER: US/09/978,189
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
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; PRIOR APPLICATION NUMBER: 60/078886

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;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1760; DB 10; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MENPSAAALGKALCALLLATLGAAGQPLGGESTCSARAPAKYSITFTGKWSQTAFPKQY 60
DB 1 MENPSAAALGKALCALLLATLGAAGQPLGGESTCSARAPAKYSITFTGKWSQTAFPKQY 60
QY 61 PLFRPPAOWSSLGAHSSDYSMWRKNQYVNSGURDFAERGEAWALMKEIEAAGEALQSV 120
DB 61 PLFRPPAOWSSLGAHSSDYSMWRKNQYVNSGURDFAERGEAWALMKEIEAAGEALQSV 120
QY 121 HEVFSAPAVPSGTGOTSAELEVRHSLVSVFVVRIVPSDPWFVGVDSLDLDCDGRWREQA 180
DB 121 HEVFSAPAVPSGTGOTSAELEVRHSLVSVFVVRIVPSDPWFVGVDSLDLDCDGRWREQA 180
QY 181 ALDLYPYDAGTDSGFTTSSPNFATIPQDTVTTEITSSSPSPANSFYPRKALPPIARVT 240
DB 181 ALDLYPYDAGTDSGFTTSSPNFATIPQDTVTTEITSSSPSPANSFYPRKALPPIARVT 240
QY 241 LLRLRQSPRAFIPAPVLPSPRDNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTKS 300
DB 241 LLRLRQSPRAFIPAPVLPSPRDNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTKS 300
QY 301 RTRYRVQPANNGSPCPLEBEEAECPDNCV 331
DB 301 RTRYRVQPANNGSPCPLEBEEAECPDNCV 331

RESULT 7

US-09-978-608A-236
; Sequence 236, Application US/09978608A
; Publication No. US20030045462A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC22
; CURRENT APPLICATION NUMBER: US/09/978,608A
; CURRENT FILING DATE: 2001-10-16
; NUMBER OF SEQ ID NOS: 624
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 236
; LENGTH: 331
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-978-608A-236

Query Match 100.0%; Score 1760; DB 10; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;

Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MENPSAALGKALCALLLILATLGAAGQPLGGESICSAAPAKYSITFTGKWSQTAPPKQY 60
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QY 121 HEVFSAPAVPGTGTSAELEVQRHSLVSFVVRIVPSPDFVGVDSLDLDCGDRWREQA 180
DB 121 HEVFSAPAVPGTGTSAELEVQRHSLVSFVVRIVPSPDFVGVDSLDLDCGDRWREQA 180
QY 181 ALDLYPYDAGTDSGTFSSPNFATIPQDTVTTEITSSSPSHPANSFYPRLKALPIARVT 240
DB 181 ALDLYPYDAGTDSGTFSSPNFATIPQDTVTTEITSSSPSHPANSFYPRLKALPIARVT 240
QY 241 LLRLRQSPRAFIAPPVLPSPRNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTGS 300
DB 241 LLRLRQSPRAFIAPPVLPSPRNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTGS 300
QY 301 RTRYVRVQPANNGSPCELEEEAECPDNCV 331
DB 301 RTRYVRVQPANNGSPCELEEEAECPDNCV 331

RESULT 8

US-09-978-585A-236
; Sequence 236, Application US/09978585A
; Publication No. US20030049633A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC15
; CURRENT APPLICATION NUMBER: US/09/978,585A
; CURRENT FILING DATE: 2001-10-16
; NUMBER OF SEQ ID NOS: 624
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 236
; LENGTH: 331
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-978-585A-236

Query Match

100.0%; Score 1760; DB 10; Length 331;

Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MENPSAALGKALCALLLILATLGAAGQPLGGESICSAAPAKYSITFTGKWSQTAPPKQY 60
DB 1 MENPSAALGKALCALLLILATLGAAGQPLGGESICSAAPAKYSITFTGKWSQTAPPKQY 60
QY 61 PLFRPPAQWSSLLGAHSSDYSMWRKNQVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120
DB 61 PLFRPPAQWSSLLGAHSSDYSMWRKNQVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120
QY 121 HEVFSAPAVPGTGTSAELEVQRHSLVSFVVRIVPSPDFVGVDSLDLDCGDRWREQA 180
DB 121 HEVFSAPAVPGTGTSAELEVQRHSLVSFVVRIVPSPDFVGVDSLDLDCGDRWREQA 180
QY 181 ALDLYPYDAGTDSGTFSSPNFATIPQDTVTTEITSSSPSHPANSFYPRLKALPIARVT 240
DB 181 ALDLYPYDAGTDSGTFSSPNFATIPQDTVTTEITSSSPSHPANSFYPRLKALPIARVT 240
QY 241 LLRLRQSPRAFIAPPVLPSPRNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTGS 300
DB 241 LLRLRQSPRAFIAPPVLPSPRNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTGS 300
QY 301 RTRYVRVQPANNGSPCELEEEAECPDNCV 331
DB 301 RTRYVRVQPANNGSPCELEEEAECPDNCV 331

RESULT 9

US-09-978-191A-236
; Sequence 236, Application US/09978191A
; Publication No. US20030050239A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC4
; CURRENT APPLICATION NUMBER: US/09/978,191A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13

;; PRIOR APPLICATION NUMBER: 60/085689
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085579
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085580
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085573
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1760; DB 10; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MENPSAAALGKALCALLATLGAAGQPLGGESICSAAPAKYSITFTGKWSQTAFPKQY 60
Db 1 MENPSAAALGKALCALLATLGAAGQPLGGESICSAAPAKYSITFTGKWSQTAFPKQY 60

Qy 61 PLFRPPAOWSSLLGAHSSDYSMWRKQYVNSGLDFAEERGEAWALMKEIEAAGEALQSV 120
Db 61 PLFRPPAOWSSLLGAHSSDYSMWRKQYVNSGLDFAEERGEAWALMKEIEAAGEALQSV 120

Qy 121 HEVFSAPAVPGTGTGTSAELEVORRHSLVSFVVRIVPSPDFVGVDSLDLDCDGRWRBQA 180
Db 121 HEVFSAPAVPGTGTGTSAELEVORRHSLVSFVVRIVPSPDFVGVDSLDLDCDGRWRBQA 180

Qy 181 ALDLYPYDAGTDSGFTSSPNFATIPQDTVTBITSSPSHPANSFYPRLKALPIARVT 240
Db 181 ALDLYPYDAGTDSGFTSSPNFATIPQDTVTBITSSPSHPANSFYPRLKALPIARVT 240

Qy 241 LLRLQSPRAFIPPAVLPSPRNEIVDSASVPETPLDCEVLSWGLCGHCGRLGTKS 300
Db 241 LLRLQSPRAFIPPAVLPSPRNEIVDSASVPETPLDCEVLSWGLCGHCGRLGTKS 300

Qy 301 RTRYRVQPNANNGSPCELEEEACVPCNCV 331
Db 301 RTRYRVQPNANNGSPCELEEEACVPCNCV 331

RESULT 10
US-09-978-403A-236
; Sequence 236, Application US/09978403A
; Publication No. US20030050240A1
; GENERAL INFORMATION:

;; APPLICANT: Ashkenazi, Avi
;; APPLICANT: Baker, Kevin P.
;; APPLICANT: Botstein, David
;; APPLICANT: Desnoyers, Luc
;; APPLICANT: Eaton, Dan
;; APPLICANT: Ferrara, Napoleon
;; APPLICANT: Filvaroff, Ellen
;; APPLICANT: Fong, Sherman
;; APPLICANT: Gao, Wei-Qiang
;; APPLICANT: Gerber, Hanspeter
;; APPLICANT: Gerritsen, Mary E.
;; APPLICANT: Goddard, Audrey
;; APPLICANT: Godowski, Paul J.
;; APPLICANT: Grimaldi, J. Christopher
;; APPLICANT: Gurney, Austin L.
;; APPLICANT: Hillan, Kenneth J.
;; APPLICANT: Kljavin, Ivar J.
;; APPLICANT: Kuo, Sophia S.
;; APPLICANT: Napier, Mary A.
;; APPLICANT: Pan, James;
;; APPLICANT: Paoni, Nicholas F.
;; APPLICANT: Roy, Margaret Ann
;; APPLICANT: Shelton, David L.
;; APPLICANT: Stewart, Timothy A.
;; APPLICANT: Tumas, Daniel
;; APPLICANT: Williams, P. Mickey
;; APPLICANT: Wood, William I.

;; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
;; FILE REFERENCE: P2630P1C17
;; CURRENT APPLICATION NUMBER: US/09/978,403A
;; PRIOR FILING DATE: 2002-03-19
;; PRIOR APPLICATION NUMBER: 09/918585
;; PRIOR FILING DATE: 2001-07-30
;; PRIOR APPLICATION NUMBER: 60/062250
;; PRIOR FILING DATE: 1997-10-17
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; PRIOR APPLICATION NUMBER: 60/081071
; PRIOR FILING DATE: 1998-04-08
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; PRIOR FILING DATE: 1998-04-22
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; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/083392
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083495
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; PRIOR FILING DATE: 1998-04-29
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; PRIOR FILING DATE: 1998-04-29
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; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
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; PRIOR FILING DATE: 1998-05-13
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; PRIOR FILING DATE: 1998-05-13
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; PRIOR FILING DATE: 1998-05-13
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; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1760; DB 10; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MENSPAAALGKALCALLATLGAAGPLGSGESCSARAPAKYISITFTGKWSQTAPPKQY 60
Db 1 MENSPAAALGKALCALLATLGAAGPLGSGESCSARAPAKYISITFTGKWSQTAPPKQY 60

Qy 61 PLFRPPAQWSSILGAHSSDYSMRKQYVNGLRDFAERGEAWALMKEIEAAGEALOSV 120
Db 61 PLFRPPAQWSSILGAHSSDYSMRKQYVNGLRDFAERGEAWALMKEIEAAGEALOSV 120

Qy 121 HEVFSAPAVPSGTGQTSAELEVRHRSILVSFVVRIVPSPDFVGVDSLDLDCGDRWRQQA 180
Db 121 HEVFSAPAVPSGTGQTSAELEVRHRSILVSFVVRIVPSPDFVGVDSLDLDCGDRWRQQA 180

Qy 181 ALDLYPYDAGTDSGFTSSPNFATIPQDTVTETSSSPSHANSFYPRLKALPIARVT 240
Db 181 ALDLYPYDAGTDSGFTSSPNFATIPQDTVTETSSSPSHANSFYPRLKALPIARVT 240

Qy 241 LLRLQSPRAFIIPAPVLPSPRDNELVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTSK 300
Db 241 LLRLQSPRAFIIPAPVLPSPRDNELVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTSK 300

Qy 301 RTRYRVQPANNGSPCPLEEEAECPDNCV 331
Db 301 RTRYRVQPANNGSPCPLEEEAECPDNCV 331

RESULT 11
US-09-978-564A-236
; Sequence 236, Application US/0978564A
; Publication No. US20030050241A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Geritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher

APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Daniel
APPLICANT: Tumas, Timothy A.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PIC25
CURRENT APPLICATION NUMBER: US/09/978,564A
CURRENT FILING DATE: 2001-10-16
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 60/078886
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078936
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PRIOR FILING DATE: 1998-03-20
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PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
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PRIOR APPLICATION NUMBER: 60/079664
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PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083742
PRIOR FILING DATE: 1998-04-30
PRIOR APPLICATION NUMBER: 60/084366
PRIOR FILING DATE: 1998-05-05
PRIOR APPLICATION NUMBER: 60/084414
PRIOR FILING DATE: 1998-05-06

APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PIC65
CURRENT APPLICATION NUMBER: US/09/999,833A
CURRENT FILING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
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PRIOR FILING DATE: 1998-03-12
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Query Match 100.0%; Score 1760; DB 10; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150; Mismatches 0; Indels 0; Gaps 0;
Matches 331; Conservative 0;
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DB 1 MENPSPAAALGKALCALLLATTGAGQPLGGSICSAAPAKYSITFTGKWSQTAFPKQY 60
QY 61 PLFRPPAQWSSLLGAHSSDYSMWRKNQVSNGLRDFAEERGEAWALMKEIEAAGEALQSV 120
DB 61 PLFRPPAQWSSLLGAHSSDYSMWRKNQVSNGLRDFAEERGEAWALMKEIEAAGEALQSV 120
QY 121 HEVFSAPAVPGTGTGTSAELEVORRHSLVSFVVRIVPSPDWFVGVDSLDCGDRWRSEA 180
DB 121 HEVFSAPAVPGTGTGTSAELEVORRHSLVSFVVRIVPSPDWFVGVDSLDCGDRWRSEA 180
QY 181 ALDLYPYDAGTDSGFTFSSPNFATIPQDVTBITSSPSHPANSFYPRLKALPIARVT 240
DB 181 ALDLYPYDAGTDSGFTFSSPNFATIPQDVTBITSSPSHPANSFYPRLKALPIARVT 240
QY 241 LRLRQSPRAFTPPAPVLPSPRNEIVDSASVETPLDCEVLSWSSWGLCGHCGRLGTSK 300
DB 241 LRLRQSPRAFTPPAPVLPSPRNEIVDSASVETPLDCEVLSWSSWGLCGHCGRLGTSK 300
QY 301 RTRYRVQVPANNNGSPCELEEEAECPDNCV 331
DB 301 RTRYRVQVPANNNGSPCELEEEAECPDNCV 331

RESULT 12
US-09-938-833A-236
Sequence 236, Application US/09999833A
Publication No. US20030054405A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi

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; PRIOR APPLICATION NUMBER: 60/079786
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Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MENPSAALGKALLATLGAAGQPLGGESIC SARAPAKYSITFTKWSQTAPPKQY 60
Db 1 MENPSAALGKALLATLGAAGQPLGGESIC SARAPAKYSITFTKWSQTAPPKQY 60

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Db 61 PLFRPPAOWSSLLGAHSSDYSMWKNOYVSNGLRDFAEERGEAWALMKEIEAAGEALQSV 120

QY 121 HEVFSAPAVPGTGTSAELEVQRHSLVSFVVRIVPSPDMFVGVDSDLCDGDRWREQA 180
Db 121 HEVFSAPAVPGTGTSAELEVQRHSLVSFVVRIVPSPDMFVGVDSDLCDGDRWREQA 180

QY 181 ALDLYPDAGTDSGFTFSSPNFATIPQDTVTTEITSSSPHANSFYPRLKALPIARVT 240
Db 181 ALDLYPDAGTDSGFTFSSPNFATIPQDTVTTEITSSSPHANSFYPRLKALPIARVT 240

QY 241 LLRLQSPRAPIPPAPVLPSPDNEIVDSVPETPLDCEVLSWSSWGLCGHCGRLGTSK 300
Db 241 LLRLQSPRAPIPPAPVLPSPDNEIVDSVPETPLDCEVLSWSSWGLCGHCGRLGTSK 300
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Db 241 LRLQSPRAFPAPVLFPSRDNEIVDSASVPETPLDCEVLSWSSGLCGHCGRLGTYK 300

Qy 301 RTRYVRQPANNGSPCPPELEEEAECPDNCV 331
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Db 301 RTRYVRQPANNGSPCPPELEEEAECPDNCV 331

RESULT 13

US-09-981-915A-236
; Sequence 236, Application US/09981915A
; Publication No. US20030054986A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C12
; CURRENT APPLICATION NUMBER: US/09/981,915A
; CURRENT FILING DATE: 2001-10-16
; PRIOR APPLICATION NUMBER: 09/918585
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Query Match 100.0%; Score 1760; DB 10; Length 331;
Best Local Similarity 100.0%; Pred. No. 2,3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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; Publication No. US2003005216A1
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; APPLICANT: Ashkenazi, Avi
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; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Fertara, Napoleon
; APPLICANT: Filvaroff, Ellen
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; APPLICANT: Gao, Wei-Qiang
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; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C14
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61	PRIOR APPLICATION NUMBER: 60/081955
62	PRIOR FILING DATE: 1998-04-15
63	PRIOR APPLICATION NUMBER: 60/081817
64	PRIOR FILING DATE: 1998-04-15
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66	PRIOR FILING DATE: 1998-04-15
67	PRIOR APPLICATION NUMBER: 60/081952
68	PRIOR FILING DATE: 1998-04-15
69	PRIOR APPLICATION NUMBER: 60/081938
70	PRIOR FILING DATE: 1998-04-15
71	PRIOR APPLICATION NUMBER: 60/082568
72	PRIOR FILING DATE: 1998-04-21
73	PRIOR APPLICATION NUMBER: 60/082569

1	PRIOR FILING DATE: 1998-04-21	
2	PRIOR APPLICATION NUMBER: 60/082704	
3	PRIOR FILING DATE: 1998-04-22	
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7	PRIOR FILING DATE: 1998-04-22	
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9	PRIOR FILING DATE: 1998-04-22	
10	PRIOR APPLICATION NUMBER: 60/082796	
11	PRIOR FILING DATE: 1998-04-23	
12	PRIOR APPLICATION NUMBER: 60/083336	
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17	PRIOR FILING DATE: 1998-04-29	
18	PRIOR APPLICATION NUMBER: 60/083495	
19	PRIOR FILING DATE: 1998-04-29	
20	PRIOR APPLICATION NUMBER: 60/083496	
21	PRIOR FILING DATE: 1998-04-29	
22	PRIOR APPLICATION NUMBER: 60/083499	
23	PRIOR FILING DATE: 1998-04-29	
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25	PRIOR FILING DATE: 1998-04-29	
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33	PRIOR FILING DATE: 1998-04-29	
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39	PRIOR FILING DATE: 1998-05-06	
40	PRIOR APPLICATION NUMBER: 60/084441	
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44	PRIOR APPLICATION NUMBER: 60/084639	
45	PRIOR FILING DATE: 1998-05-07	
46	PRIOR APPLICATION NUMBER: 60/084640	
47	PRIOR FILING DATE: 1998-05-07	
48	PRIOR APPLICATION NUMBER: 60/084598	
49	PRIOR FILING DATE: 1998-05-07	
50	PRIOR APPLICATION NUMBER: 60/084600	
51	PRIOR FILING DATE: 1998-05-07	
52	PRIOR APPLICATION NUMBER: 60/084627	
53	PRIOR FILING DATE: 1998-05-07	
54	PRIOR APPLICATION NUMBER: 60/084643	
55	PRIOR FILING DATE: 1998-05-07	
56	PRIOR APPLICATION NUMBER: 60/085339	
57	PRIOR FILING DATE: 1998-05-13	
58	PRIOR APPLICATION NUMBER: 60/085338	
59	PRIOR FILING DATE: 1998-05-13	
60	PRIOR APPLICATION NUMBER: 60/085323	
61	PRIOR FILING DATE: 1998-05-13	
62	PRIOR APPLICATION NUMBER: 60/085582	
63	PRIOR FILING DATE: 1998-05-15	
64	PRIOR APPLICATION NUMBER: 60/085700	
65	PRIOR FILING DATE: 1998-05-15	
66	PRIOR APPLICATION NUMBER: 60/085689	
67	PRIOR FILING DATE: 1998-05-15	
68	PRIOR APPLICATION NUMBER: 60/085579	
69	PRIOR FILING DATE: 1998-05-15	
70	PRIOR APPLICATION NUMBER: 60/085580	
71	PRIOR FILING DATE: 1998-05-15	
72	PRIOR APPLICATION NUMBER: 60/085573	
73	PRIOR FILING DATE: 1998-05-15	

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; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match      100.0%; Score 1760; DB 10; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MENPSAALGKALCALLATLGAAGQPLGGSSICARAPAKYSITFTGKWSQTAFPPQY 60
   |||||
DB 1 MENPSAALGKALCALLATLGAAGQPLGGSSICARAPAKYSITFTGKWSQTAFPPQY 60
   |||||

QY 61 PLFRPPAOWSSLLGAHSDSDYMWKQVNSGLRDFAEGERGAWALMKEIEAAGALQSV 120
   |||||
DB 61 PLFRPPAOWSSLLGAHSDSDYMWKQVNSGLRDFAEGERGAWALMKEIEAAGALQSV 120
   |||||

QY 121 HEVFSAPAVPGTGTSAELEVQRRHSLVSFVVRIVPSPDFVGVDSLDLDCDGRWREQA 180
   |||||
DB 121 HEVFSAPAVPGTGTSAELEVQRRHSLVSFVVRIVPSPDFVGVDSLDLDCDGRWREQA 180
   |||||

QY 181 ALDLYPYDAGTSGTFFSPNFATIPQDTVTBITSSSPSHPANFYPRLKALPPIARVT 240
   |||||
DB 181 ALDLYPYDAGTSGTFFSPNFATIPQDTVTBITSSSPSHPANFYPRLKALPPIARVT 240
   |||||

QY 241 LURLRQSPRAFTPPAPVLPSPRNEIVDSASVPETPLDCEVSLWSWGLCGHCGRLGTGS 300
   |||||
DB 241 LURLRQSPRAFTPPAPVLPSPRNEIVDSASVPETPLDCEVSLWSWGLCGHCGRLGTGS 300
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QY 301 RTRYRVQPNANGSPCELEEEAECPDNVCV 331
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DB 301 RTRYRVQPNANGSPCELEEEAECPDNVCV 331
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RESULT 15
US-09-918-585A-236
; Sequence 236, Application US/09918585A
; Publication No. US20030060406A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC1
; FILE REFERENCE: Acids Encoding the Same
; CURRENT FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
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; PRIOR FILING DATE: 1998-04-15
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; PRIOR FILING DATE: 1998-05-15
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; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/086023

Query Match 100.0%; Score 1760; DB 10; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 61 PLFRPPAQWSSLLGAHSSDYSMWRKQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120
Db 61 PLFRPPAQWSSLLGAHSSDYSMWRKQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120

Qy 121 HEVFSAPAVPSGTGQTSAELEVRHSLVSVVRIVPSDFWVGVDLDCDGRWRQQA 180
Db 121 HEVFSAPAVPSGTGQTSAELEVRHSLVSVVRIVPSDFWVGVDLDCDGRWRQQA 180

Qy 181 ALDLYPYDAGTDSGFTSSPNFATIPQDTVTETSSSPSHANSFYYPRLKALPPIARVT 240
Db 181 ALDLYPYDAGTDSGFTSSPNFATIPQDTVTETSSSPSHANSFYYPRLKALPPIARVT 240

Qy 241 LLRLRQSPRAFIIPAPVLPSPRDNVIDSASVPETPLDCEVSLWSSWGLCGHGCGRLGTS 300
Db 241 LLRLRQSPRAFIIPAPVLPSPRDNVIDSASVPETPLDCEVSLWSSWGLCGHGCGRLGTS 300

Qy 301 RTRVVRVQPNNGSPCEPELEEEACVPDNCV 331
Db 301 RTRVVRVQPNNGSPCEPELEEEACVPDNCV 331

RESULT 16

US-09-999-834A-236
; Sequence 236, Application US/09999834A
; Publication No. US20030064407A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrata, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann

APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
Acids Encoding the Same
FILE REFERENCE: P2630PIC75
CURRENT APPLICATION NUMBER: US/09/999,834A
CURRENT FILING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
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PRIOR FILING DATE: 1998-04-27
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;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1760; DB 10; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MENPFAALGKALCALLATLGAAGQPLGGESICSAAPAKYSITFTGKWSQTAFPKQY 60
DB 1 MENPFAALGKALCALLATLGAAGQPLGGESICSAAPAKYSITFTGKWSQTAFPKQY 60

QY 61 PLFRPPAQWSSLGAAHSSDYSMWRKNQVNSGLRDFAEERGEAWALMKEIEAAGALQSV 120
DB 61 PLFRPPAQWSSLGAAHSSDYSMWRKNQVNSGLRDFAEERGEAWALMKEIEAAGALQSV 120

QY 121 HEVFSAPAVPGTGTSAELEYQRRHSLVSFVVRIVPSPDFVGVDSLDLDCDGRWRQQA 180
DB 121 HEVFSAPAVPGTGTSAELEYQRRHSLVSFVVRIVPSPDFVGVDSLDLDCDGRWRQQA 180

QY 181 ALDLYPYDAGTDSGFTFSSPNFATIPQDTVTBITSSPSHPANSFYPRLKALPPIARVT 240
DB 181 ALDLYPYDAGTDSGFTFSSPNFATIPQDTVTBITSSPSHPANSFYPRLKALPPIARVT 240

QY 241 LURLRQSPRAFIPAPVLPSPRNEIVDSASVPETPLDCEVSLWSWGLCGGCHGRLGTSK 300
DB 241 LURLRQSPRAFIPAPVLPSPRNEIVDSASVPETPLDCEVSLWSWGLCGGCHGRLGTSK 300

QY 301 RTRYVRVOPANNQSPCELEEEAECPDNCV 331
DB 301 RTRYVRVOPANNQSPCELEEEAECPDNCV 331

RESULT 17
US-09-978-423A-236
; Sequence 236, Application US/09978423A
; Publication No. US20030069178A1

GENERAL INFORMATION:

;; APPLICANT: Ashkenazi, Avi
;; APPLICANT: Baker Kevin P.
;; APPLICANT: Botstein, David
;; APPLICANT: Desnoyers, Luc
;; APPLICANT: Eaton, Dan
;; APPLICANT: Ferrara, Napoleon
;; APPLICANT: Filvaroff, Ellen
;; APPLICANT: Fong, Sherman
;; APPLICANT: Gao, Wei-Qiang

;; APPLICANT: Gerber, Hanspeter
;; APPLICANT: Gerritsen, Mary E.
;; APPLICANT: Goddard, Audrey
;; APPLICANT: Godowski, Paul J.
;; APPLICANT: Grimaldi, J. Christopher
;; APPLICANT: Gurney, Austin L.
;; APPLICANT: Hillan, Kenneth J.
;; APPLICANT: Kljavin, Ivar J.
;; APPLICANT: Kuo, Sophia S.
;; APPLICANT: Napier, Mary A.
;; APPLICANT: Pan, James;
;; APPLICANT: Paoni, Nicholas F.
;; APPLICANT: ROY, Margaret Ann
;; APPLICANT: Shelton, David L.
;; APPLICANT: Stewart, Timothy A.
;; APPLICANT: Tumas, Daniel
;; APPLICANT: Williams, P. Mickey
;; APPLICANT: Wood, William I.
;; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
;; FILE REFERENCE: P2630P1C21
;; CURRENT APPLICATION NUMBER: US/09/978,423A
;; CURRENT FILING DATE: 2002-05-16
;; PRIOR APPLICATION NUMBER: 09/918585
;; PRIOR FILING DATE: 2001-07-30
;; PRIOR APPLICATION NUMBER: 60/062250
;; PRIOR FILING DATE: 1997-10-17
;; PRIOR APPLICATION NUMBER: 60/064249
;; PRIOR FILING DATE: 1997-11-03
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;; PRIOR FILING DATE: 1998-03-31

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;; PRIOR APPLICATION NUMBER: 60/085573
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1760; DB 10; Length 331;

Best Local Similarity 100.0%; Pred. No. 2.3e-150;

Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MENPSPAALGKALCALLATLGAAGQPLGGESICSARAPAKYSITFTGWSQTAPPKQY 60

Db 1 MENPSPAALGKALCALLATLGAAGQPLGGESICSARAPAKYSITFTGWSQTAPPKQY 60

Qy 61 PLFRPPAQWSSLLGAHSSDYSMWRKQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120

Db 61 PLFRPPAQWSSLLGAHSSDYSMWRKQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120

Qy 121 HEVFSAPAVPGTGTGTSAELEVQRHSLVSFVVRIVPSPDFVGVDSLDLDCGDRWREA 180

Db 121 HEVFSAPAVPGTGTGTSAELEVQRHSLVSFVVRIVPSPDFVGVDSLDLDCGDRWREA 180

Qy 181 ALDLYPDAGTDSGFTFSSPNFATIPQDVTVEITSSSPSHPANSEYYPPLKALPPIARVT 240

Db 181 ALDLYPDAGTDSGFTFSSPNFATIPQDVTVEITSSSPSHPANSEYYPPLKALPPIARVT 240

Qy 241 LLRLQSPRAFIIPAPVLPSPRNEIVDSASVPEPLDCEVSLWSSWGLCGHCGRLGTSK 300

Db 241 LLRLQSPRAFIIPAPVLPSPRNEIVDSASVPEPLDCEVSLWSSWGLCGHCGRLGTSK 300

Qy 301 RTRYVRVQFANNQSPCEPEEEAECPDNCV 331

Db 301 RTRYVRVQFANNQSPCEPEEEAECPDNCV 331

RESULT 18

US-09-978-193A-236
; Sequence 236, Application US/09978193A
; Publication No. US20030073624A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC6
; CURRENT APPLICATION NUMBER: US/09/978,193A
; CURRENT FILING DATE: 2002-02-21
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
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;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1760; DB 10; Length 331;

Best Local Similarity 100.0%; Pred. No. 2.3e-150;

Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MENPSAALGKALLATLIGAGOPLGGSICSAAPAKYSITFTGKWSOTAFPKQY 60
Db 1 MENPSAALGKALLATLIGAGOPLGGSICSAAPAKYSITFTGKWSOTAFPKQY 60
Qy 61 PLFRPPAQWSSLLGAHSDYSMMRKNQVSNGLRDFAEERGAWALKEIEAAGEALQSV 120
Db 61 PLFRPPAQWSSLLGAHSDYSMMRKNQVSNGLRDFAEERGAWALKEIEAAGEALQSV 120
Qy 121 HEVFSAPAVPGTGTQTSAELEVQRHSLVSFVVRVPSGDFVGVDSLDLDCDGRWREQA 180
Db 121 HEVFSAPAVPGTGTQTSAELEVQRHSLVSFVVRVPSGDFVGVDSLDLDCDGRWREQA 180
Qy 181 ALDLYPDAGTDSGFTFSSPNFATIPQDVTITSSPSHPANSFYFPLKALPPIARTV 240

Db 181 ALDLYPDAGTDSGFTFSSPNFATIPQDVTITSSPSHPANSFYFPLKALPPIARTV 240
Qy 241 LLRLRQSPRAFPAPVLPSPRDNEIVDSASVPETPLDCEVSLWSSMGLCGHCGRLGTKS 300
Db 241 LLRLRQSPRAFPAPVLPSPRDNEIVDSASVPETPLDCEVSLWSSMGLCGHCGRLGTKS 300
Qy 301 RTRYRVQPNNGSPCPLEEEAEACVDPNCV 331
Db 301 RTRYRVQPNNGSPCPLEEEAEACVDPNCV 331

RESULT 19

US-09-999-830A-236

; Sequence 236, Application US/09999830A

; Publication No. US2003007700A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth J.

; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Kuo, Sophia S.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James;

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Shelton, David L.

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; FILE OF INVENTION: Acids Encoding the Same

; FILE REFERENCE: P2630PIC70

; CURRENT APPLICATION NUMBER: US/09/999,830A

; PRIOR FILING DATE: 2001-08-31

; PRIOR APPLICATION NUMBER: 09/918585

; PRIOR FILING DATE: 2001-07-30

; PRIOR APPLICATION NUMBER: 60/062250

; PRIOR FILING DATE: 1997-10-17

; PRIOR APPLICATION NUMBER: 60/064249

; PRIOR FILING DATE: 1997-11-03

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; PRIOR APPLICATION NUMBER: 60/078886

; PRIOR FILING DATE: 1998-03-20

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5	PRIOR APPLICATION NUMBER: 60/078939	5	PRIOR APPLICATION NUMBER: 60/081195
6	PRIOR FILING DATE: 1998-03-20	6	PRIOR FILING DATE: 1998-04-08
7	PRIOR APPLICATION NUMBER: 60/079294	7	PRIOR APPLICATION NUMBER: 60/081955
8	PRIOR FILING DATE: 1998-03-25	8	PRIOR FILING DATE: 1998-04-15
9	PRIOR APPLICATION NUMBER: 60/079656	9	PRIOR APPLICATION NUMBER: 60/081817
10	PRIOR FILING DATE: 1998-03-26	10	PRIOR FILING DATE: 1998-04-15
11	PRIOR APPLICATION NUMBER: 60/079664	11	PRIOR APPLICATION NUMBER: 60/081819
12	PRIOR FILING DATE: 1998-03-27	12	PRIOR FILING DATE: 1998-04-15
13	PRIOR APPLICATION NUMBER: 60/079689	13	PRIOR APPLICATION NUMBER: 60/081952
14	PRIOR FILING DATE: 1998-03-27	14	PRIOR FILING DATE: 1998-04-15
15	PRIOR APPLICATION NUMBER: 60/079786	15	PRIOR APPLICATION NUMBER: 60/081838
16	PRIOR FILING DATE: 1998-03-27	16	PRIOR FILING DATE: 1998-04-15
17	PRIOR APPLICATION NUMBER: 60/079920	17	PRIOR APPLICATION NUMBER: 60/082568
18	PRIOR FILING DATE: 1998-03-30	18	PRIOR FILING DATE: 1998-04-21
19	PRIOR APPLICATION NUMBER: 60/079923	19	PRIOR APPLICATION NUMBER: 60/082569
20	PRIOR FILING DATE: 1998-03-30	20	PRIOR FILING DATE: 1998-04-21
21	PRIOR APPLICATION NUMBER: 60/080105	21	PRIOR APPLICATION NUMBER: 60/082704
22	PRIOR FILING DATE: 1998-03-31	22	PRIOR FILING DATE: 1998-04-22
23	PRIOR APPLICATION NUMBER: 60/080107	23	PRIOR APPLICATION NUMBER: 60/082804
24	PRIOR FILING DATE: 1998-03-31	24	PRIOR FILING DATE: 1998-04-22
25	PRIOR APPLICATION NUMBER: 60/080165	25	PRIOR APPLICATION NUMBER: 60/082700
26	PRIOR FILING DATE: 1998-03-31	26	PRIOR FILING DATE: 1998-04-22
27	PRIOR APPLICATION NUMBER: 60/080194	27	PRIOR APPLICATION NUMBER: 60/082797
28	PRIOR FILING DATE: 1998-03-31		
29	PRIOR APPLICATION NUMBER: 60/080327		
30	PRIOR FILING DATE: 1998-04-01		
31	PRIOR APPLICATION NUMBER: 60/080328		
32	PRIOR FILING DATE: 1998-04-01		
33	PRIOR APPLICATION NUMBER: 60/080333		
34	PRIOR FILING DATE: 1998-04-01		
35	PRIOR APPLICATION NUMBER: 60/080334		
36	PRIOR FILING DATE: 1998-04-01		
37	PRIOR APPLICATION NUMBER: 60/081070		
38	PRIOR FILING DATE: 1998-04-08		
39	PRIOR APPLICATION NUMBER: 60/081049		
40	PRIOR FILING DATE: 1998-04-08		
41	PRIOR APPLICATION NUMBER: 60/081071		
42	PRIOR FILING DATE: 1998-04-08		
43	PRIOR APPLICATION NUMBER: 60/081195		
44	PRIOR FILING DATE: 1998-04-08		
45	PRIOR APPLICATION NUMBER: 60/081203		
46	PRIOR FILING DATE: 1998-04-09		
47	PRIOR APPLICATION NUMBER: 60/081229		
48	PRIOR FILING DATE: 1998-04-09		
49	PRIOR APPLICATION NUMBER: 60/081955		
50	PRIOR FILING DATE: 1998-04-15		
51	PRIOR APPLICATION NUMBER: 60/081817		
52	PRIOR FILING DATE: 1998-04-15		
53	PRIOR APPLICATION NUMBER: 60/081819		
54	PRIOR FILING DATE: 1998-04-15		
55	PRIOR APPLICATION NUMBER: 60/081952		
56	PRIOR FILING DATE: 1998-04-15		
57	PRIOR APPLICATION NUMBER: 60/081838		
58	PRIOR FILING DATE: 1998-04-15		
59	PRIOR APPLICATION NUMBER: 60/082568		
60	PRIOR FILING DATE: 1998-04-21		
61	PRIOR APPLICATION NUMBER: 60/082569		
62	PRIOR FILING DATE: 1998-04-21		
63	PRIOR APPLICATION NUMBER: 60/082704		
64	PRIOR FILING DATE: 1998-04-22		
65	PRIOR APPLICATION NUMBER: 60/082804		
66	PRIOR FILING DATE: 1998-04-22		
67	PRIOR APPLICATION NUMBER: 60/082700		
68	PRIOR FILING DATE: 1998-04-22		
69	PRIOR APPLICATION NUMBER: 60/082797		

;	PRIOR FILING DATE:	1998-04-22	
;	PRIOR APPLICATION NUMBER:	60/082796	
;	PRIOR FILING DATE:	1998-04-23	
;	PRIOR APPLICATION NUMBER:	60/083336	
;	PRIOR FILING DATE:	1998-04-27	
;	PRIOR APPLICATION NUMBER:	60/083322	
;	PRIOR FILING DATE:	1998-04-28	
;	PRIOR APPLICATION NUMBER:	60/083392	
;	PRIOR FILING DATE:	1998-04-29	
;	PRIOR APPLICATION NUMBER:	60/083495	
;	PRIOR FILING DATE:	1998-04-29	
;	PRIOR APPLICATION NUMBER:	60/083496	
;	PRIOR FILING DATE:	1998-04-29	
;	PRIOR APPLICATION NUMBER:	60/083499	
;	PRIOR FILING DATE:	1998-04-29	
;	PRIOR APPLICATION NUMBER:	60/083545	
;	PRIOR FILING DATE:	1998-04-29	
;	PRIOR APPLICATION NUMBER:	60/083555	
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;	PRIOR APPLICATION NUMBER:	60/083558	
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;	PRIOR APPLICATION NUMBER:	60/083559	
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;	PRIOR APPLICATION NUMBER:	60/083500	
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;	PRIOR APPLICATION NUMBER:	60/083742	
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;	PRIOR FILING DATE:	1998-05-05	
;	PRIOR APPLICATION NUMBER:	60/084414	
;	PRIOR FILING DATE:	1998-05-06	
;	PRIOR APPLICATION NUMBER:	60/084441	
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;	PRIOR APPLICATION NUMBER:	60/084637	
;	PRIOR FILING DATE:	1998-05-07	
;	PRIOR APPLICATION NUMBER:	60/084639	
;	PRIOR FILING DATE:	1998-05-07	
;	PRIOR APPLICATION NUMBER:	60/084640	
;	PRIOR FILING DATE:	1998-05-07	
;	PRIOR APPLICATION NUMBER:	60/084598	
;	PRIOR FILING DATE:	1998-05-07	
;	PRIOR APPLICATION NUMBER:	60/084600	
;	PRIOR FILING DATE:	1998-05-07	
;	PRIOR APPLICATION NUMBER:	60/084627	
;	PRIOR FILING DATE:	1998-05-07	
;	PRIOR APPLICATION NUMBER:	60/084643	
;	PRIOR FILING DATE:	1998-05-07	
;	PRIOR APPLICATION NUMBER:	60/085339	
;	PRIOR FILING DATE:	1998-05-13	
;	PRIOR APPLICATION NUMBER:	60/085338	
;	PRIOR FILING DATE:	1998-05-13	
;	PRIOR APPLICATION NUMBER:	60/085323	
;	PRIOR FILING DATE:	1998-05-13	
;	PRIOR APPLICATION NUMBER:	60/085582	
;	PRIOR FILING DATE:	1998-05-15	
;	PRIOR APPLICATION NUMBER:	60/085579	
;	PRIOR FILING DATE:	1998-05-15	
;	PRIOR APPLICATION NUMBER:	60/085580	
;	PRIOR FILING DATE:	1998-05-15	
;	PRIOR APPLICATION NUMBER:	60/085573	
;	PRIOR FILING DATE:	1998-05-15	
;	PRIOR APPLICATION NUMBER:	60/085704	
;	PRIOR FILING DATE:	1998-05-15	
;	PRIOR APPLICATION NUMBER:	60/085697	

Query Match	100.0%	Score 1760;	DB 10;	Length 331;
Best Local Similarity	100.0%;	Pred. No. 2.3e-150;		
Matches 331;	Conservative 0;	Mismatches 0;	Indels 0;	

QY 1 MENPSPAALGKALCALLIATLGAAGQPLGGESIC SARAPAKYSITFTGKWSQTAFPKQY 60
Db 1 MENPSPAALGKALCALLIATLGAAGQPLGGESIC SARAPAKYSITFTGKWSQTAFPKQY 60
QY 61 PLFPRPAQWSSLLGAHSSDYSMWRKNQVNSGLRDPFAERGAWALMKIEAAGEALQSV 120
Db 61 PLFPRPAQWSSLLGAHSSDYSMWRKNQVNSGLRDPFAERGAWALMKIEAAGEALQSV 120
QY 121 HEVFSAPAVPGTGTGTSAELEVRHSLVSFVVRIVPSPDFVGVDSLDLDCGDRWRBQA 180
Db 121 HEVFSAPAVPGTGTGTSAELEVRHSLVSFVVRIVPSPDFVGVDSLDLDCGDRWRBQA 180
QY 181 ALDLYPYDAGTDSGTFSSPNFATIPQDTVTITSSSPSHPANSFYPRLKALPIARVT 240
Db 181 ALDLYPYDAGTDSGTFSSPNFATIPQDTVTITSSSPSHPANSFYPRLKALPIARVT 240
QY 241 LLRLQSPRAFTPPAPVLPSPRNEIVDSASVPETPLDCEVSLWSWGLCGHCGRLGTKS 300
Db 241 LLRLQSPRAFTPPAPVLPSPRNEIVDSASVPETPLDCEVSLWSWGLCGHCGRLGTKS 300
QY 301 RTRYRVQVOPANNNGSPCELEEEAECPDNCV 331
Db 301 RTRYRVQVOPANNNGSPCELEEEAECPDNCV 331
RESULT 20
US-09-978-757A-236
; Sequence 236, Application US/09978757A
; Publication No. US20030083248A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC26
; CURRENT APPLICATION NUMBER: US/09/978,757A
; CURRENT FILING DATE: 2002-03-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078939
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079664
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079689
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079663
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079786
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079920
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/079923
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/080105
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080107
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080165
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080194
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080327
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; PRIOR FILING DATE: 1998-04-01
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; PRIOR APPLICATION NUMBER: 60/081071
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081195
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081203
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081817
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081952
; PRIOR FILING DATE: 1998-04-15

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; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match          100.0%; Score 1760; DB 10; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 MENPSPAALGKALCALLIATLGAAGQPLGGSSIC SARAPAKYSITFTKGWGTAFPKQY 60
Db      1 MENPSPAALGKALCALLIATLGAAGQPLGGSSIC SARAPAKYSITFTKGWGTAFPKQY 60

QY     61 PLFRPPAOWSSLILGAHSDSYSMWRKNQVSNGLRDFAEERGEAWLMKEIEAAGEALQSV 120
Db     61 PLFRPPAOWSSLILGAHSDSYSMWRKNQVSNGLRDFAEERGEAWLMKEIEAAGEALQSV 120

QY    121 HEVFSPAPVSGTGTQSABLEVQRHSLVSFVVRIIVPSPDWFVGVDSDLDCDGRWREQA 180
Db    121 HEVFSPAPVSGTGTQSABLEVQRHSLVSFVVRIIVPSPDWFVGVDSDLDCDGRWREQA 180

QY    181 ALDLXPYDAGTDSGPTFFSFPNFATIPQDTVTBITSSPSHPANSFYYPRLKALPPIARVT 240
Db    181 ALDLXPYDAGTDSGPTFFSFPNFATIPQDTVTBITSSPSHPANSFYYPRLKALPPIARVT 240

QY    241 LLRLROSPRAFTPPAPVLPSRNEIYDSASVPETPLDCEVLSWSSWGLCGGHCGRLGTKS 300
Db    241 LLRLROSPRAFTPPAPVLPSRNEIYDSASVPETPLDCEVLSWSSWGLCGGHCGRLGTKS 300

QY    301 RTRYVRVQPANNNSPCPELEEEAACVDPNVCV 331
Db    301 RTRYVRVQPANNNSPCPELEEEAACVDPNVCV 331

RESULT 21
US-09-978-187B-236
; Sequence 236, Application US/09978187B
; Publication No. US20030096744A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C5
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[illegible]

; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1760; DB 10; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MENPSAALGKALCALLATLGAAGQPLGGESICSAAPAKYSITFTGKWSQTAFPKQY 60
Db 1 MENPSAALGKALCALLATLGAAGQPLGGESICSAAPAKYSITFTGKWSQTAFPKQY 60
Qy 61 PLFRPPAQWSSLLGAHSSDYSMWRKQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120
Db 61 PLFRPPAQWSSLLGAHSSDYSMWRKQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120
Qy 121 HEVFSAPAVPSGTGOTSAELEVQRRHSLVSFVVRIVPSDFWVGVDLSLDCDGRWRQEA 180
Db 121 HEVFSAPAVPSGTGOTSAELEVQRRHSLVSFVVRIVPSDFWVGVDLSLDCDGRWRQEA 180
Qy 181 ALDLYPYDAGTDSGFTTSSPNFATIPQDTVTETSSSPSHPANSFYPRLKALPPIARVT 240
Db 181 ALDLYPYDAGTDSGFTTSSPNFATIPQDTVTETSSSPSHPANSFYPRLKALPPIARVT 240
Qy 241 LLRLQSPRAFIAPPVLPSPRNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTS 300
Db 241 LLRLQSPRAFIAPPVLPSPRNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTS 300
Qy 301 RTRYVRVQPNNGSPCELEBEAECVPDNCV 331
Db 301 RTRYVRVQPNNGSPCELEBEAECVPDNCV 331

RESULT 22
US-09-978-643A-236
; Sequence 236, Application US/09978643A
; Publication No. US20030104998A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC16
; CURRENT APPLICATION NUMBER: US/09/978,643A
; NUMBER OF SEQ ID NOS: 624
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 236
; LENGTH: 331
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-978-643A-236

Query Match 100.0%; Score 1760; DB 10; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MENPSAALGKALCALLATLGAAGQPLGGESICSAAPAKYSITFTGKWSQTAFPKQY 60
Db 1 MENPSAALGKALCALLATLGAAGQPLGGESICSAAPAKYSITFTGKWSQTAFPKQY 60
Qy 61 PLFRPPAQWSSLLGAHSSDYSMWRKQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120
Db 61 PLFRPPAQWSSLLGAHSSDYSMWRKQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120
Qy 121 HEVFSAPAVPSGTGOTSAELEVQRRHSLVSFVVRIVPSDFWVGVDLSLDCDGRWRQEA 180
Db 121 HEVFSAPAVPSGTGOTSAELEVQRRHSLVSFVVRIVPSDFWVGVDLSLDCDGRWRQEA 180
Qy 181 ALDLYPYDAGTDSGFTTSSPNFATIPQDTVTETSSSPSHPANSFYPRLKALPPIARVT 240
Db 181 ALDLYPYDAGTDSGFTTSSPNFATIPQDTVTETSSSPSHPANSFYPRLKALPPIARVT 240
Qy 241 LLRLQSPRAFIAPPVLPSPRNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTS 300
Db 241 LLRLQSPRAFIAPPVLPSPRNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTS 300
Qy 301 RTRYVRVQPNNGSPCELEBEAECVPDNCV 331
Db 301 RTRYVRVQPNNGSPCELEBEAECVPDNCV 331

RESULT 23
US-09-978-375A-236
; Sequence 236, Application US/09978375A
; Publication No. US20030130181A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.

APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630PIC24
CURRENT APPLICATION NUMBER: US/09/978,375A
CURRENT FILING DATE: 2002-04-19
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 236
LENGTH: 331
TYPE: PRT
ORGANISM: Homo sapiens
US-09-978-375A-236

Query Match 100.0%; Score 1760; DB 10; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150; Indels 0; Gaps 0;
Matches 331; Conservative 0; Mismatches 0;
QY 1 MENPSAALGKALCALLIATLGAAGQPLGGSICSAAPAKYSITFTGKMSQTAPFKQY 60
Db 1 MENPSAALGKALCALLIATLGAAGQPLGGSICSAAPAKYSITFTGKMSQTAPFKQY 60
QY 61 PLFRPPAOWSLLGAHSSDYSMWRKNQVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120
Db 61 PLFRPPAOWSLLGAHSSDYSMWRKNQVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120
QY 121 HEVFSAPAVPGTGTGTSAELEVRHSLVSFVVRIVPSDPWFVGVDSLDLDCGDRWRQQA 180
Db 121 HEVFSAPAVPGTGTGTSAELEVRHSLVSFVVRIVPSDPWFVGVDSLDLDCGDRWRQQA 180
QY 181 ALDLYPYDAGTDSGTFSSPNFATIPQDTVTBITSSSPSHPANSPFYPRLKALPIARVT 240
Db 181 ALDLYPYDAGTDSGTFSSPNFATIPQDTVTBITSSSPSHPANSPFYPRLKALPIARVT 240
QY 241 LLRLQSPRAFPTPPAPVLPSPRNEIVDSASVPETPLDCEVSLWSWGLCGHCGRLGTS 300
Db 241 LLRLQSPRAFPTPPAPVLPSPRNEIVDSASVPETPLDCEVSLWSWGLCGHCGRLGTS 300
QY 301 RTRYRVQPNNGSPCELEEEAECPDNCV 331
Db 301 RTRYRVQPNNGSPCELEEEAECPDNCV 331

RESULT 24

US-09-978-298A-236
Sequence 236, Application US/09978298A
Publication No. US20030134785A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630PIC2
CURRENT APPLICATION NUMBER: US/09/978,298A
CURRENT FILING DATE: 2001-10-15
Prior Application NUMBER: 09/918585
Prior FILING DATE: 2001-07-30
Prior APPLICATION NUMBER: 60/062250
Prior FILING DATE: 1997-10-17
Prior APPLICATION NUMBER: 60/064249
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; PRIOR APPLICATION NUMBER: 60/080327
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; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1760; DB 10; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MENPSPAAALGKALCALLATLGAAGQPLGGESICSAAPAKYISITFTGKWSQTAFPKQY 60
Db 1 MENPSPAAALGKALCALLATLGAAGQPLGGESICSAAPAKYISITFTGKWSQTAFPKQY 60
Qy 61 PLFRPPAQMSSLLGAHSSDYSMRKQYVNGLRDFAERGEAWALMKEIEAAGEALOSV 120
Db 61 PLFRPPAQMSSLLGAHSSDYSMRKQYVNGLRDFAERGEAWALMKEIEAAGEALOSV 120
Qy 121 HEVFSAPAVPSGTGQTSAELEVRHRSILSVFVRIVPSDFVGVDSLDLDCGDRWRQA 180
Db 121 HEVFSAPAVPSGTGQTSAELEVRHRSILSVFVRIVPSDFVGVDSLDLDCGDRWRQA 180
Qy 181 ALDLYPDAGTDSGFTSSPNFATIPQDVTTEITSSSPHSHPANSFYPRLLKALPIARVT 240
Db 181 ALDLYPDAGTDSGFTSSPNFATIPQDVTTEITSSSPHSHPANSFYPRLLKALPIARVT 240
Qy 241 LLRLQSPRAFIIPAPVLPSPDNEIVDSASVPETPLDCEVSLWSSWGLCGGHCGLGRTKS 300
Db 241 LLRLQSPRAFIIPAPVLPSPDNEIVDSASVPETPLDCEVSLWSSWGLCGGHCGLGRTKS 300
Qy 301 RTRVVRVQPANNNGSPCEPEEEAECPDNCV 331
Db 301 RTRVVRVQPANNNGSPCEPEEEAECPDNCV 331

RESULT 25
US-09-978-188A-236
; Sequence 236, Application US/09978188A
; Publication No. US2003013928A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.

APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
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APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630PIC8
CURRENT APPLICATION NUMBER: US/09/978,188A
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
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PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
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PRIOR APPLICATION NUMBER: 60/079663
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PRIOR FILING DATE: 1998-03-30
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PRIOR FILING DATE: 1998-03-31
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;; PRIOR APPLICATION NUMBER: 60/083558
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;; PRIOR APPLICATION NUMBER: 60/083500
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Query Match 100.0%; Score 1760; DB 10; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MENPSAALGKALCALLLALGAGQPLGSGISCSARAPAKYSITFTGKWSQTAPPKQY 60
Db 1 MENPSAALGKALCALLLALGAGQPLGSGISCSARAPAKYSITFTGKWSQTAPPKQY 60
QY 61 PLFRPPAOWSSLLGAHSDYSMMRKQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120
Db 61 PLFRPPAOWSSLLGAHSDYSMMRKQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120
QY 121 HEVFSAPVPGTGTSTAELEVQRHSLVSFVVRIVPSPDMFVGVDSLDLDCDGRWRQEA 180
Db 121 HEVFSAPVPGTGTSTAELEVQRHSLVSFVVRIVPSPDMFVGVDSLDLDCDGRWRQEA 180
QY 181 ALDLYPYDAGTDSGTFSSPNFATIPQDVTVTETSSSPSHPANSFYPRLKALPIARVT 240
Db 181 ALDLYPYDAGTDSGTFSSPNFATIPQDVTVTETSSSPSHPANSFYPRLKALPIARVT 240
QY 241 LLRLQSPRAFTPPAPVLPSPRNEIVDSASVETPLDCEVSLWSSWGLCGGHCGLGTGS 300
Db 241 LLRLQSPRAFTPPAPVLPSPRNEIVDSASVETPLDCEVSLWSSWGLCGGHCGLGTGS 300

QY 301 RTRVVRVQPNNGSPCEPELEEEAEVCVPDNCV 331
Db 301 RTRVVRVQPNNGSPCEPELEEEAEVCVPDNCV 331
RESULT 26
US-09-978-681A-236
; Sequence 236, Application US/09978681A
; Publication No. US20030195148A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C18
; CURRENT APPLICATION NUMBER: US/09/978.681A
; CURRENT FILING DATE: 2002-03-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
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; PRIOR FILING DATE: 1998-04-08
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; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081071
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; PRIOR APPLICATION NUMBER: 60/081195
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081203
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; PRIOR FILING DATE: 1998-04-09
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; PRIOR FILING DATE: 1998-04-27
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; PRIOR FILING DATE: 1998-04-28
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; PRIOR FILING DATE: 1998-05-15
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; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1760; DB 10; Length 331;

Best Local Similarity 100.0%; Pred. No. 2.3e-150;

Matches: 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MENPSAALGKALLATLGAAGQPLGGESICSAAPAKYSITFTGKWSQTAPPKQY 60

Db 1 MENPSAALGKALLATLGAAGQPLGGESICSAAPAKYSITFTGKWSQTAPPKQY 60

Qy 61 PLFRPQAQWSSLLGAHSSDYSMWFKQYVSNGLRDFERGAEMKKEIEAAGALQSV 120


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; PRIOR APPLICATION NUMBER: 60/082797
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082796
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/083336
; PRIOR FILING DATE: 1998-04-27
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/083392
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083495
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083496
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083499
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; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
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; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084639
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084640
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084598
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
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; PRIOR FILING DATE: 1998-05-07
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; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704

; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match      100.0%; Score 1760; DB 10; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MENPSPAAALGKALCALLATLGAAGQPLGGSSIC SARAPAKYSITFTKWSQTAPFKQY 60
   |||
Db 1 MENPSPAAALGKALCALLATLGAAGQPLGGSSIC SARAPAKYSITFTKWSQTAPFKQY 60
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QY 61 PLFRPPAOWSSLLGAHSSDYSMWRKNQVSNGLRDFAEERGAWALMKIEAAGEALQSV 120
   |||
Db 61 PLFRPPAOWSSLLGAHSSDYSMWRKNQVSNGLRDFAEERGAWALMKIEAAGEALQSV 120
   |||

QY 121 HEVFSAPAVPSCTGQTSAELEVRHSLVSFVVRVPSDPWFVGVDSLDLDCGDRWREQA 180
   |||
Db 121 HEVFSAPAVPSCTGQTSAELEVRHSLVSFVVRVPSDPWFVGVDSLDLDCGDRWREQA 180
   |||

QY 181 ALDLYPYDAGTDSGTFSSPNPATIPQDVTBITSSSPSHPANSFYYPRLKALPPIARVT 240
   |||
Db 181 ALDLYPYDAGTDSGTFSSPNPATIPQDVTBITSSSPSHPANSFYYPRLKALPPIARVT 240
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QY 241 LURLRQSPRAFI PPAPVLPSPRDNIEVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTKS 300
   |||
Db 241 LURLRQSPRAFI PPAPVLPSPRDNIEVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTKS 300
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QY 301 RTRYRVVQPNNGSPCPPELEEEAEVCVPCNCV 331
   |||
Db 301 RTRYRVVQPNNGSPCPPELEEEAEVCVPCNCV 331
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RESULT 28
US-09-999-829A-236
; Sequence 236, Application US/09999829A
; Publication No. US20030195344A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC61
; CURRENT APPLICATION NUMBER: US/09/999,829A
; CURRENT FILING DATE: 2002-03-19
; NUMBER OF SEQ ID NOS: 624
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 236
; LENGTH: 331
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-999-829A-236

Query Match      100.0%; Score 1760; DB 10; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 MENPSAALGKALCALLLATTGAGOPLGGSICSAAPAKYSITFTGKWSQTAPPKQY 60

QY 61 PLFRPPAQWSSLLGAHSSDYSMRKQVNSGLRDFAEERGEAWALKEIEAAGEALQSV 120
   |||||
Db 61 PLFRPPAQWSSLLGAHSSDYSMRKQVNSGLRDFAEERGEAWALKEIEAAGEALQSV 120

QY 121 HEVFSAPAVPGTGTQTSAELEVQRHSLVSFVRIIVPSDFWVGVDSDLCDGDRWRQEA 180
   |||||
Db 121 HEVFSAPAVPGTGTQTSAELEVQRHSLVSFVRIIVPSDFWVGVDSDLCDGDRWRQEA 180

QY 181 ALDLYPYDAGTDSGTFSSPNEFATIPQDTVTETSSSPSHPANFYYPRLKALPPIARVT 240
   |||||
Db 181 ALDLYPYDAGTDSGTFSSPNEFATIPQDTVTETSSSPSHPANFYYPRLKALPPIARVT 240

QY 241 LLRLRQSPRAFIAPPVLPFRSDNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTSK 300
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Db 241 LLRLRQSPRAFIAPPVLPFRSDNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTSK 300

QY 301 RTRYRVQPNNGSPCEPELEBAECVPONCV 331
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Db 301 RTRYRVQPNNGSPCEPELEBAECVPONCV 331

RESULT 29
US-09-978-299A-236
; Sequence 236, Application US/09978299A
; Publication No. US20030199435A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C3
; CURRENT APPLICATION NUMBER: US/09/978,299A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
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;; PRIOR APPLICATION NUMBER: 60/085573
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1760; DB 10; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MENPSAAALGKALLATLGAAGQPLGGESIC SARAPAKYSITFTGKWSQTAPPKQY 60
Db 1 MENPSAAALGKALLATLGAAGQPLGGESIC SARAPAKYSITFTGKWSQTAPPKQY 60

Qy 61 PLFRPPAQWSSLLGAHSSDYSMWRKQVNSGLRDFRGEAWALMKIEAAGEALQSV 120
Db 61 PLFRPPAQWSSLLGAHSSDYSMWRKQVNSGLRDFRGEAWALMKIEAAGEALQSV 120

Qy 121 HEVFSAPAVPSGTGOTSAELEVRHSLVSFVVRIVPSDPWFVGVDSLDLDCGDRWREA 180
Db 121 HEVFSAPAVPSGTGOTSAELEVRHSLVSFVVRIVPSDPWFVGVDSLDLDCGDRWREA 180

Qy 181 ALDLYPYDAGTDSGFTSSPNFATIPQDTVTBITSSPSHPANSFYPRLKALPIARTV 240
Db 181 ALDLYPYDAGTDSGFTSSPNFATIPQDTVTBITSSPSHPANSFYPRLKALPIARTV 240

Qy 241 LRLRQSPRAFIAPPVLPSPRNEIVDSASVPETPLDCEVLSWSSWGLCGHCGRLGTGS 300
Db 241 LRLRQSPRAFIAPPVLPSPRNEIVDSASVPETPLDCEVLSWSSWGLCGHCGRLGTGS 300

Qy 301 RTRYVRVQPNNGSPCELEEEAECPDNCV 331
Db 301 RTRYVRVQPNNGSPCELEEEAECPDNCV 331

RESULT 30

US-09-978-544A-236
; Sequence 236, Application US/09978544A
; Publication No. US2003019436A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gottard, Audrey E.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavan, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann

APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PIC13
CURRENT FILING DATE: 2002-03-19
CURRENT APPLICATION NUMBER: US/09/978,544A
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 09/918585
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Query Match 100.0%; Score 1760; DB 10; Length 331;

Best Local Similarity 100.0%; Pred. No. 2.3e-150; Mismatches 0; Indels 0; Gaps 0;
Matches 331; Conservative 0;

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QY 61 PLFRPPAQWSSLLGAHSDYSMMWRKNQVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120
DB 61 PLFRPPAQWSSLLGAHSDYSMMWRKNQVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120
QY 121 HEVFSAPVPGTGTGTSAELEVQRHSLVSFVVRVPSDFWGVDSLDLDCGDRWRQEA 180
DB 121 HEVFSAPVPGTGTGTSAELEVQRHSLVSFVVRVPSDFWGVDSLDLDCGDRWRQEA 180
QY 181 ALDLYPDAGTDSGTFSSPNFATIPQDTVTBITSSPSHPANSFYPRLKALPIARVT 240
DB 181 ALDLYPDAGTDSGTFSSPNFATIPQDTVTBITSSPSHPANSFYPRLKALPIARVT 240
QY 241 LRLRQSPRAPIPPAPVLPSPRNEIVDSASVPETPLDCEVSLWSWGLCGGHCGRIGTKS 300
DB 241 LRLRQSPRAPIPPAPVLPSPRNEIVDSASVPETPLDCEVSLWSWGLCGGHCGRIGTKS 300
QY 301 RRYRVVQPNNGSPCELEEEAECPDNCV 331
DB 301 RRYRVVQPNNGSPCELEEEAECPDNCV 331

RESULT 31

US-09-978-665A-236
; Sequence 236, Application US/09978665A
; Publication No. US20030199437A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deshoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC19
; CURRENT APPLICATION NUMBER: US/09/978,665A
; CURRENT FILING DATE: 2001-10-16
; PRIOR APPLICATION NUMBER: 09/918585
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Query Match 100.0%; Score 1760; DB 10; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 61 PLFRPPAQMSSLLGAAHSSDYSMRKQYVNGLRDFAERGEAWALMKEIEAAGALOSV 120
Db 61 PLFRPPAQMSSLLGAAHSSDYSMRKQYVNGLRDFAERGEAWALMKEIEAAGALOSV 120

Qy 121 HEVFSAPAVPSGTGOTSALVQRRHSLVSFVVRIVPSPDFVGVDSLDLDCGDRWRBQA 180
Db 121 HEVFSAPAVPSGTGOTSALVQRRHSLVSFVVRIVPSPDFVGVDSLDLDCGDRWRBQA 180

Qy 181 ALDLYPYDAGTDSGFTTSSPNFATIPQDTVTETSSSPSHANSFYPRLKALPPIARTV 240
Db 181 ALDLYPYDAGTDSGFTTSSPNFATIPQDTVTETSSSPSHANSFYPRLKALPPIARTV 240

Qy 241 LLRLRQSPRAFIIPAPVLPSPDRNEIVDSASVPETPLDCEVSLWSSWGLCGGHCGRGLTKS 300
Db 241 LLRLRQSPRAFIIPAPVLPSPDRNEIVDSASVPETPLDCEVSLWSSWGLCGGHCGRGLTKS 300

Qy 301 RTRYVRVQPNNGSPCPELEEEACVPCNCV 331
Db 301 RTRYVRVQPNNGSPCPELEEEACVPCNCV 331

US-09-978-802A-236
; Sequence 236, Application US/09978802A
; Publication No. US20030199674A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
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; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
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; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC20
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;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083545
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083554
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083558
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083559
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083500
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083742
;; PRIOR FILING DATE: 1998-04-30
;; PRIOR APPLICATION NUMBER: 60/084366
;; PRIOR FILING DATE: 1998-05-05
;; PRIOR APPLICATION NUMBER: 60/084414
;; PRIOR FILING DATE: 1998-05-06
;; PRIOR APPLICATION NUMBER: 60/084441
;; PRIOR FILING DATE: 1998-05-06
;; PRIOR APPLICATION NUMBER: 60/084637
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084639
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084640
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084598
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084600
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084627
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084643
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/085339
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085338
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085323
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085582
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085700
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085689
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085579
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085580
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085573
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1760; DB 10; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MENPSAALGKALLATLGAAGQPLGGESICSAAPAKYSITFTGKWSQTAPFKQY 60
DB 1 MENPSAALGKALLATLGAAGQPLGGESICSAAPAKYSITFTGKWSQTAPFKQY 60

QY 61 FLFRPPAQWSSLLGAHSSDYSMWRKNQYVSNGLRDFAEERGEAWALMKEIEAAGEALQSV 120
DB 61 FLFRPPAQWSSLLGAHSSDYSMWRKNQYVSNGLRDFAEERGEAWALMKEIEAAGEALQSV 120

QY 121 HEVFSAPAVPSGTGQTSAELEVQRHSLVSFVVRIVPSPDMFVGVDSLDLDCGDRWRBQA 180
DB 121 HEVFSAPAVPSGTGQTSAELEVQRHSLVSFVVRIVPSPDMFVGVDSLDLDCGDRWRBQA 180

QY 181 ALDLYPYDAGTDSGFTFSSPNFATIPQDVTVEITSSSPSHPANSFYYPRLKALPPIARVT 240

DB 181 ALDLYPYDAGTDSGFTFSSPNFATIPQDVTVEITSSSPSHPANSFYYPRLKALPPIARVT 240
QY 241 LLRLRQSPRAFIIPAPVLPSPRDNIEIVDSASVPETPLDCEVSLWSSWGLCGGHCGRGLGTS 300
DB 241 LLRLRQSPRAFIIPAPVLPSPRDNIEIVDSASVPETPLDCEVSLWSSWGLCGGHCGRGLGTS 300
QY 301 RTRYVRVQPNNGSPCPPELEEEAECPDNCV 331
DB 301 RTRYVRVQPNNGSPCPPELEEEAECPDNCV 331

RESULT 33

US-09-970-944-40
; Sequence 40, Application US/09970944
; Publication No. US20030204052A1
; GENERAL INFORMATION:
; APPLICANT: Herrman, John L
; APPLICANT: Rastelli, Luca
; APPLICANT: Shinkets, Richard A
; TITLE OF INVENTION: No. US20030204052A1el Proteins and Nucleic Acids Encoding Same and
; TITLE OF INVENTION: Antibodies Directed Against these Proteins
; FILE REFERENCE: 21402-138
; CURRENT APPLICATION NUMBER: US/09/970,944
; CURRENT FILING DATE: 2002-05-02
; PRIOR APPLICATION NUMBER: 60/237,862
; PRIOR FILING DATE: 2000-10-04
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 40
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-970-944-40

Query Match 100.0%; Score 1760; DB 10; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MENPSAALGKALLATLGAAGQPLGGESICSAAPAKYSITFTGKWSQTAPFKQY 60
DB 1 MENPSAALGKALLATLGAAGQPLGGESICSAAPAKYSITFTGKWSQTAPFKQY 60

QY 61 FLFRPPAQWSSLLGAHSSDYSMWRKNQYVSNGLRDFAEERGEAWALMKEIEAAGEALQSV 120
DB 61 FLFRPPAQWSSLLGAHSSDYSMWRKNQYVSNGLRDFAEERGEAWALMKEIEAAGEALQSV 120

QY 121 HEVFSAPAVPSGTGQTSAELEVQRHSLVSFVVRIVPSPDMFVGVDSLDLDCGDRWRBQA 180
DB 121 HEVFSAPAVPSGTGQTSAELEVQRHSLVSFVVRIVPSPDMFVGVDSLDLDCGDRWRBQA 180

QY 181 ALDLYPYDAGTDSGFTFSSPNFATIPQDVTVEITSSSPSHPANSFYYPRLKALPPIARVT 240
DB 181 ALDLYPYDAGTDSGFTFSSPNFATIPQDVTVEITSSSPSHPANSFYYPRLKALPPIARVT 240

QY 241 LLRLRQSPRAFIIPAPVLPSPRDNIEIVDSASVPETPLDCEVSLWSSWGLCGGHCGRGLGTS 300
DB 241 LLRLRQSPRAFIIPAPVLPSPRDNIEIVDSASVPETPLDCEVSLWSSWGLCGGHCGRGLGTS 300

QY 301 RTRYVRVQPNNGSPCPPELEEEAECPDNCV 331
DB 301 RTRYVRVQPNNGSPCPPELEEEAECPDNCV 331

RESULT 34

US-09-999-831A-236
; Sequence 236, Application US/09999831A
; Publication No. US20040048332A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc

```
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC68
; CURRENT APPLICATION NUMBER: US/09/999,831A
; CURRENT FILING DATE: 2002-03-25
; NUMBER OF SEQ ID NOS: 624
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 236
; LENGTH: 331
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-999-831A-236

Query Match      100.0%; Score 1760; DB 11; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MENPSAALGKALCALLIATLGAAGQPLGGSSIC SARAPAKYSITFTGKWSQTAPPKQY 60
DB 1 MENPSAALGKALCALLIATLGAAGQPLGGSSIC SARAPAKYSITFTGKWSQTAPPKQY 60
QY 61 PLFRPPAQWSSLLGAHSSDYSMWRKNQVNSGLRDFAEERGEAWALMKEIEAAGSALQSV 120
DB 61 PLFRPPAQWSSLLGAHSSDYSMWRKNQVNSGLRDFAEERGEAWALMKEIEAAGSALQSV 120
QY 121 HEVFSAPAVPSGTGQTSAELEVQRHSLVSFVVRIVPSDPDFVGVDSLDLDCGDRWREQA 180
DB 121 HEVFSAPAVPSGTGQTSAELEVQRHSLVSFVVRIVPSDPDFVGVDSLDLDCGDRWREQA 180
QY 181 ALDLYPYDAGTDSGFTFSSPNFATIPQDVTVEITSSSPSHPANSEFYPRKALPPIARTV 240
DB 181 ALDLYPYDAGTDSGFTFSSPNFATIPQDVTVEITSSSPSHPANSEFYPRKALPPIARTV 240
QY 241 LLRLRQSPRAFIPPAVLPSPRNEIVDSASVPETPLDCEVSLWSSWGLCGCHGRLGTSK 300
DB 241 LLRLRQSPRAFIPPAVLPSPRNEIVDSASVPETPLDCEVSLWSSWGLCGCHGRLGTSK 300
QY 301 RTRYVRVQPPANNQSPCELEEEAECPDNCV 331
DB 301 RTRYVRVQPPANNQSPCELEEEAECPDNCV 331
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RESULT 35
US-10-017-081A-236
; Sequence 236, Application US/10017081A
; Publication No. US20030049684A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
```

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; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC69
; CURRENT APPLICATION NUMBER: US/10/017,081A
; CURRENT FILING DATE: 2002-04-30
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 236
; LENGTH: 331
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-017-081A-236

Query Match      100.0%; Score 1760; DB 14; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MENPSAALGKALCALLIATLGAAGQPLGGSSIC SARAPAKYSITFTGKWSQTAPPKQY 60
DB 1 MENPSAALGKALCALLIATLGAAGQPLGGSSIC SARAPAKYSITFTGKWSQTAPPKQY 60
QY 61 PLFRPPAQWSSLLGAHSSDYSMWRKNQVNSGLRDFAEERGEAWALMKEIEAAGSALQSV 120
DB 61 PLFRPPAQWSSLLGAHSSDYSMWRKNQVNSGLRDFAEERGEAWALMKEIEAAGSALQSV 120
QY 121 HEVFSAPAVPSGTGQTSAELEVQRHSLVSFVVRIVPSDPDFVGVDSLDLDCGDRWREQA 180
DB 121 HEVFSAPAVPSGTGQTSAELEVQRHSLVSFVVRIVPSDPDFVGVDSLDLDCGDRWREQA 180
QY 181 ALDLYPYDAGTDSGFTFSSPNFATIPQDVTVEITSSSPSHPANSEFYPRKALPPIARTV 240
DB 181 ALDLYPYDAGTDSGFTFSSPNFATIPQDVTVEITSSSPSHPANSEFYPRKALPPIARTV 240
QY 241 LLRLRQSPRAFIPPAVLPSPRNEIVDSASVPETPLDCEVSLWSSWGLCGCHGRLGTSK 300
DB 241 LLRLRQSPRAFIPPAVLPSPRNEIVDSASVPETPLDCEVSLWSSWGLCGCHGRLGTSK 300
QY 301 RTRYVRVQPPANNQSPCELEEEAECPDNCV 331
DB 301 RTRYVRVQPPANNQSPCELEEEAECPDNCV 331
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RESULT 36
US-10-167-749-236
; Sequence 236, Application US/10167749
; Publication No. US20030056137A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
```

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; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC60
; CURRENT APPLICATION NUMBER: US/10/167,749
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 236
; LENGTH: 331
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-167-749-236

Query Match 100.0%; Score 1760; DB 14; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MENPSPAALGKALLATLGAAGQLGGSGICSARAPAKYSITFTGKWSQTAFPKQY 60
Db 1 MENPSPAALGKALLATLGAAGQLGGSGICSARAPAKYSITFTGKWSQTAFPKQY 60
QY 61 PLFRPPAQWSSLLGAHSDYSMMRKNQVNSGLRDFAEERGEAWALMKEIEAAGBALQSV 120
Db 61 PLFRPPAQWSSLLGAHSDYSMMRKNQVNSGLRDFAEERGEAWALMKEIEAAGBALQSV 120
QY 121 HEVFSAPAPVSGTGTSAELEVQRHSLVSFVVRIVPSPDFVGVDSLDLDCGDRWRQQA 180
Db 121 HEVFSAPAPVSGTGTSAELEVQRHSLVSFVVRIVPSPDFVGVDSLDLDCGDRWRQQA 180

; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC60
; CURRENT APPLICATION NUMBER: US/10/167,749
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 236
; LENGTH: 331
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-167-749-236

; Sequence 236, Application US/10013921A
; Publication No. US20030068648A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC84
; CURRENT APPLICATION NUMBER: US/10/013,921A
; CURRENT FILING DATE: 2002-03-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; RESULT 37
US-10-013-921A-236
; Sequence 236, Application US/10013921A
; Publication No. US20030068648A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC84
; CURRENT APPLICATION NUMBER: US/10/013,921A
; CURRENT FILING DATE: 2002-03-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; QY 181 ALDLYPYDAGTDSGFTSSPNFATIPQDVTVEITSSSPSHSPANSFYPRLKALPPIARVT 240
; Db 181 ALDLYPYDAGTDSGFTSSPNFATIPQDVTVEITSSSPSHSPANSFYPRLKALPPIARVT 240
; QY 241 LLRLRQSPRAFIIPAPVLPSPRDNEIVDSASVPETPLDCEVSLWSSWGLCGGHCGRLGTKS 300
; Db 241 LLRLRQSPRAFIIPAPVLPSPRDNEIVDSASVPETPLDCEVSLWSSWGLCGGHCGRLGTKS 300
; QY 301 RTRVVRVOPANNNGSPCPLEBEEAECVPDNCV 331
; Db 301 RTRVVRVOPANNNGSPCPLEBEEAECVPDNCV 331
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RESULT 38
US-10-013-929A-236
; Sequence 236, Application US/10013929A
; Publication No. US20030072745A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvarsoff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: ROY, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C89
; CURRENT APPLICATION NUMBER: US/10/013,929A
; CURRENT FILING DATE: 2002-03-19
; PRIOR APPLICATION NUMBER: 09/918595
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364

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; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match      100.0%; Score 1760; DB 14; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MEMPSPAALGKALCALLATLGAAGQPLGGESIC SARAPAKYSIITFTGKWSOTAPFKQY 60
DB 1 MEMPSPAALGKALCALLATLGAAGQPLGGESIC SARAPAKYSIITFTGKWSOTAPFKQY 60

QY 61 PLFRPPAQMWSLLGAHSHSDYSWMRKQNVSNGLRDFABERGEAWALMKIEAAGEALQSV 120
DB 61 PLFRPPAQMWSLLGAHSHSDYSWMRKQNVSNGLRDFABERGEAWALMKIEAAGEALQSV 120

QY 121 HEVFSAPAPVSGTGQTSAELEVQRHSHLSVFFVRIVPSPDMFVGVDLSLDCDGRWREQA 180
DB 121 HEVFSAPAPVSGTGQTSAELEVQRHSHLSVFFVRIVPSPDMFVGVDLSLDCDGRWREQA 180

QY 181 ALDLYPYDAGTSGGTFSSPNFATIPQDVTTEITSSPSHPANSFYYPRLKALPPIARVT 240
DB 181 ALDLYPYDAGTSGGTFSSPNFATIPQDVTTEITSSPSHPANSFYYPRLKALPPIARVT 240

QY 241 LLRLRQSPRAFIAPPAPVLPSRNEI VDSASVPETPLDCEVLSWSSMGLCGGHCGRIGTKS 300
DB 241 LLRLRQSPRAFIAPPAPVLPSRNEI VDSASVPETPLDCEVLSWSSMGLCGGHCGRIGTKS 300

QY 301 RTRYRVQPNANGSPCPPELEEEAEACVPDNCV 331
DB 301 RTRYRVQPNANGSPCPPELEEEAEACVPDNCV 331

RESULT 39
US-10-016-177A-236
; Sequence 236, Application US/10016177A
; Publication No. US20030073131A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

```

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; TITLE OF INVENTION:  Acids Encoding the Same
; FILE REFERENCE: P26301C90
; CURRENT APPLICATION NUMBER: US/10/016.177A
; CURRENT FILING DATE: 2002-04-30
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 236
; LENGTH: 331
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-016-177A-236.

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Query Match	100.0%;	Score	1760;	DB	14;	Length	331;
Best Local Similarity	100.0%;	Pred.	No. 2.3e-150;				
Matches	331;	Conservative	0;	Mismatches	0;	Indels	0;
Gaps	0;						
Qy	1	MENPSPAALGKALCALLATLGAAGOPLGGESICSAAPAKY	1	1	1	1	1
Db	1	MENPSPAALGKALCALLATLGAAGOPLGGESICSAAPAKY	1	1	1	1	1
Qy	61	PLFRPPAQWSLLGAAHSSDYSMWKQKQVYNSGLRDF	61	61	61	61	61
Db	61	PLFRPPAQWSLLGAAHSSDYSMWKQKQVYNSGLRDF	61	61	61	61	61
Qy	121	HEVPSAPAVSGTGQTSAELVQRHSLVSVFVRIVPSP	121	121	121	121	121
Db	121	HEVPSAPAVSGTGQTSAELVQRHSLVSVFVRIVPSP	121	121	121	121	121
Qy	181	ALDLYPYDAGTDSGFTSSPNFATIPDVTVEITSSPS	181	181	181	181	181
Db	181	ALDLYPYDAGTDSGFTSSPNFATIPDVTVEITSSPS	181	181	181	181	181
Qy	241	LLRLRQSPRAFIIPAPVLP	241	241	241	241	241
Db	241	LLRLRQSPRAFIIPAPVLP	241	241	241	241	241
Qy	301	RTRVYRVQPNNGSPCP	301	301	301	301	301
Db	301	RTRVYRVQPNNGSPCP	301	301	301	301	301

RESULT 40

US-10-166-709A-236

Sequence 236, Application US/10166709A

Publication No. US20030104536A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi

APPLICANT: Baker Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan

APPLICANT: Ferrara, Napoleon

APPLICANT: Filvaroff, Ellen

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerber, Hanspeter

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, J. Christopher

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J.

APPLICANT: Kijavini, Ivar J.

APPLICANT: Kuo, Sophia S.

APPLICANT: Napier, Mary A.

APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas F.

APPLICANT: Roy, Margaret Ann

APPLICANT: Shellen, David L.

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Williams, P. Mickey

APPLICANT: Wood, William I.

;; PRIOR APPLICATION NUMBER: 60/081071
;; PRIOR FILING DATE: 1998-04-08
;; PRIOR APPLICATION NUMBER: 60/081195
;; PRIOR FILING DATE: 1998-04-08
;; PRIOR APPLICATION NUMBER: 60/081203
;; PRIOR FILING DATE: 1998-04-09
;; PRIOR APPLICATION NUMBER: 60/081229
;; PRIOR FILING DATE: 1998-04-09
;; PRIOR APPLICATION NUMBER: 60/081955
;; PRIOR FILING DATE: 1998-04-15
;; PRIOR APPLICATION NUMBER: 60/081817
;; PRIOR FILING DATE: 1998-04-15
;; PRIOR APPLICATION NUMBER: 60/081819
;; PRIOR FILING DATE: 1998-04-15
;; PRIOR APPLICATION NUMBER: 60/081952
;; PRIOR FILING DATE: 1998-04-15
;; PRIOR APPLICATION NUMBER: 60/081838
;; PRIOR FILING DATE: 1998-04-15
;; PRIOR APPLICATION NUMBER: 60/082568
;; PRIOR FILING DATE: 1998-04-21
;; PRIOR APPLICATION NUMBER: 60/082569
;; PRIOR FILING DATE: 1998-04-21
;; PRIOR APPLICATION NUMBER: 60/082704
;; PRIOR FILING DATE: 1998-04-22
;; PRIOR APPLICATION NUMBER: 60/082804
;; PRIOR FILING DATE: 1998-04-22
;; PRIOR APPLICATION NUMBER: 60/082700
;; PRIOR FILING DATE: 1998-04-22
;; PRIOR APPLICATION NUMBER: 60/082797
;; PRIOR FILING DATE: 1998-04-22
;; PRIOR APPLICATION NUMBER: 60/082796
;; PRIOR FILING DATE: 1998-04-23
;; PRIOR APPLICATION NUMBER: 60/083336
;; PRIOR FILING DATE: 1998-04-27
;; PRIOR APPLICATION NUMBER: 60/083322
;; PRIOR FILING DATE: 1998-04-28
;; PRIOR APPLICATION NUMBER: 60/083392
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083495
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083496
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083499
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083545
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083554
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083558
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083559
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083500
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083742
;; PRIOR FILING DATE: 1998-04-30
;; PRIOR APPLICATION NUMBER: 60/084366
;; PRIOR FILING DATE: 1998-05-05
;; PRIOR APPLICATION NUMBER: 60/084414
;; PRIOR FILING DATE: 1998-05-06
;; PRIOR APPLICATION NUMBER: 60/084441
;; PRIOR FILING DATE: 1998-05-06
;; PRIOR APPLICATION NUMBER: 60/084637
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084639
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084640
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084598
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084600
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084627

;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084643
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/085339
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085338
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085323
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085582
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085700
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085689
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085579
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085580
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085573
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1760; DB 14; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MENPSAALGKALCALLATLGAAGQPLGGISCSARAPAKYSITFTGKWSQTAPPKQY 60
Db 1 MENPSAALGKALCALLATLGAAGQPLGGISCSARAPAKYSITFTGKWSQTAPPKQY 60

Qy 61 PLFRPPAQWSSLLGAHSSDYSMRKNQVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120
Db 61 PLFRPPAQWSSLLGAHSSDYSMRKNQVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120

Qy 121 HEVFSAPAVPGTGTGTSAELEVRHSLVSFVVRIVPSDPWFVGVDSLDCGDRWREQA 180
Db 121 HEVFSAPAVPGTGTGTSAELEVRHSLVSFVVRIVPSDPWFVGVDSLDCGDRWREQA 180

Qy 181 ALDLYPYDAGTDSGFTFSSPNFATIPQDVTVEITSSSPSHPANSFYPRKALPPIARVT 240
Db 181 ALDLYPYDAGTDSGFTFSSPNFATIPQDVTVEITSSSPSHPANSFYPRKALPPIARVT 240

Qy 241 LLRLRQSPRAFIAPPAPVLPFRDNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTSK 300
Db 241 LLRLRQSPRAFIAPPAPVLPFRDNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTSK 300

Qy 301 RTRYVRVQPNNGSPCEPEEEAEVCVPCNCV 331
Db 301 RTRYVRVQPNNGSPCEPEEEAEVCVPCNCV 331

RESULT 41
US-10-143-031A-236
; Sequence 236, Application US/10143031A
; Publication No. US20030138439A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher

Db 1 MENPSPAAALGKALCALLATLGAAGQPLGGESICARAPAKVSIITFTCKWQTAFFPKQY 60
QY 61 PLFRPPAQWSSLLGAHSDYSWNRKNQVNSGLRDPFAERGEAWALMKIEIAAGALQSV 120
Db 61 PLFRPPAQWSSLLGAHSDYSWNRKNQVNSGLRDPFAERGEAWALMKIEIAAGALQSV 120
QY 121 HEVFSAPAVPGTGTGTSAELEVRHSLVSFVVRIVPSPDWFVGVDSLDLDCGDRWREQA 180
Db 121 HEVFSAPAVPGTGTGTSAELEVRHSLVSFVVRIVPSPDWFVGVDSLDLDCGDRWREQA 180
QY 181 ALDLYPYDAGTGGTFFSPNFATIPQDVTVTITSSPSHPANSFYPRKALPPIARVT 240
Db 181 ALDLYPYDAGTGGTFFSPNFATIPQDVTVTITSSPSHPANSFYPRKALPPIARVT 240
QY 241 LRLRQSPRAFPPAPVLPBSRNEIVDSASVETPLDCEVSLWSSWGLCGHCGRLGTKS 300
Db 241 LRLRQSPRAFPPAPVLPBSRNEIVDSASVETPLDCEVSLWSSWGLCGHCGRLGTKS 300
QY 301 RTRYVRVQPNNGSPCELEEEAECPDNCV 331
Db 301 RTRYVRVQPNNGSPCELEEEAECPDNCV 331

RESULT 43

US-10-002-967A-236

; Sequence 236, Application US/10002967A

; Publication No. US20030148373A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth J.

; APPLICANT: Kijavin, Ivar J.

; APPLICANT: Kuo, Sophia S.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James;

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Shelton, David L.

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; FILE OF INVENTION: Acids Encoding the Same

; FILE REFERENCE: P2630PIC72

; CURRENT APPLICATION NUMBER: US/10/002,967A

; CURRENT FILING DATE: 2001-10-24

; PRIOR APPLICATION NUMBER: 09/918585

; PRIOR FILING DATE: 2001-07-30

; PRIOR APPLICATION NUMBER: 60/062250

; PRIOR FILING DATE: 1997-10-17

; PRIOR APPLICATION NUMBER: 60/064249

; PRIOR FILING DATE: 1997-11-03

; PRIOR APPLICATION NUMBER: 60/065311

; PRIOR FILING DATE: 1997-11-13

; PRIOR APPLICATION NUMBER: 60/066364

; PRIOR FILING DATE: 1997-11-21

; PRIOR APPLICATION NUMBER: 60/077450

; PRIOR FILING DATE: 1998-03-10

; PRIOR APPLICATION NUMBER: 60/077632

; PRIOR FILING DATE: 1998-03-10

; PRIOR APPLICATION NUMBER: 60/077632

; PRIOR FILING DATE: 1998-03-10

; PRIOR APPLICATION NUMBER: 60/077632

; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078939
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079664
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079689
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079663
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079786
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079920
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/079923
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/080105
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080107
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080165
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080194
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080327
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080328
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080333
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080334
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/081070
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081049
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081071
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081195
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081203
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081817
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081952
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081838
; PRIOR FILING DATE: 1998-04-15


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; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 236
; LENGTH: 331
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-017-083A-236

Query Match      100.0%; Score 1760; DB 14; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MENPSPAAALGKALCALLATLGAAGQPLGGSSICARAPAKYSITFTGKWSQTAPPKQY 60
DB 1 MENPSPAAALGKALCALLATLGAAGQPLGGSSICARAPAKYSITFTGKWSQTAPPKQY 60

QY 61 PLFRPPAQWSSLLGAHSSDYSMWRKNQVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120
DB 61 PLFRPPAQWSSLLGAHSSDYSMWRKNQVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120

QY 121 HEVFSAPAVPGTGTGTSAELEVQRHSLVSFVVRIVPSPDFVGVDSLDCDGRWREQA 180
DB 121 HEVFSAPAVPGTGTGTSAELEVQRHSLVSFVVRIVPSPDFVGVDSLDCDGRWREQA 180

QY 181 ALDLYPYDAGTDSGFTFSSPNFATIPQDVTVEITSSSPSHPANSFYYPRLKALPPIART 240
DB 181 ALDLYPYDAGTDSGFTFSSPNFATIPQDVTVEITSSSPSHPANSFYYPRLKALPPIART 240

QY 241 LLRLRQSPRAFIPAPVLPSPRNEIVDSASVPETPLDCEVLSWSSWGLCGHCGRLGTSK 300
DB 241 LLRLRQSPRAFIPAPVLPSPRNEIVDSASVPETPLDCEVLSWSSWGLCGHCGRLGTSK 300

QY 301 RTRYVRVQPNNGSPCPLEEEAECPDNCV 331
DB 301 RTRYVRVQPNNGSPCPLEEEAECPDNCV 331

RESULT 45
US-10-145-128A-236
; Sequence 236, Application US/10145128A
; Publication No. US20030157615A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertitsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC46
; CURRENT APPLICATION NUMBER: US/10/145,128A
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; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 236
; LENGTH: 331
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-145-128A-236

Query Match      100.0%; Score 1760; DB 14; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MENPSPAAALGKALCALLATLGAAGQPLGGSSICARAPAKYSITFTGKWSQTAPPKQY 60
DB 1 MENPSPAAALGKALCALLATLGAAGQPLGGSSICARAPAKYSITFTGKWSQTAPPKQY 60

QY 61 PLFRPPAQWSSLLGAHSSDYSMWRKNQVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120
DB 61 PLFRPPAQWSSLLGAHSSDYSMWRKNQVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120

QY 121 HEVFSAPAVPGTGTGTSAELEVQRHSLVSFVVRIVPSPDFVGVDSLDCDGRWREQA 180
DB 121 HEVFSAPAVPGTGTGTSAELEVQRHSLVSFVVRIVPSPDFVGVDSLDCDGRWREQA 180

QY 181 ALDLYPYDAGTDSGFTFSSPNFATIPQDVTVEITSSSPSHPANSFYYPRLKALPPIART 240
DB 181 ALDLYPYDAGTDSGFTFSSPNFATIPQDVTVEITSSSPSHPANSFYYPRLKALPPIART 240

QY 241 LLRLRQSPRAFIPAPVLPSPRNEIVDSASVPETPLDCEVLSWSSWGLCGHCGRLGTSK 300
DB 241 LLRLRQSPRAFIPAPVLPSPRNEIVDSASVPETPLDCEVLSWSSWGLCGHCGRLGTSK 300

QY 301 RTRYVRVQPNNGSPCPLEEEAECPDNCV 331
DB 301 RTRYVRVQPNNGSPCPLEEEAECPDNCV 331

RESULT 46
US-10-017-191A-236
; Sequence 236, Application US/10017191A
; Publication No. US20030170254A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
```

APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PIC62
CURRENT APPLICATION NUMBER: US/10/017,191A
CURRENT FILING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
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PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
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PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22
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PRIOR FILING DATE: 1998-04-23
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PRIOR FILING DATE: 1998-04-27
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PRIOR FILING DATE: 1998-04-30

; PRIOR APPLICATION NUMBER: 60/084366
; PRIOR FILING DATE: 1998-05-05
; PRIOR APPLICATION NUMBER: 60/084414
; PRIOR FILING DATE: 1998-05-06
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; PRIOR FILING DATE: 1998-05-07
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; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
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; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697
; PRIOR FILING DATE: 1998-05-15

Query Match
Best Local Similarity 100.0%; Score 1760; DB 14; Length 331;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MENPSAALGKALCALLATLGAAGQPLGGESICSARAPAKYSITFTGKWSQTAPPKQY 60
Db 1 MENPSAALGKALCALLATLGAAGQPLGGESICSARAPAKYSITFTGKWSQTAPPKQY 60

QY 61 PLFRPPAQWSSLLGAHSSDYSMWRKNQVNSGLRDPFAERGEAWALMKEIEAAGEALQSV 120
Db 61 PLFRPPAQWSSLLGAHSSDYSMWRKNQVNSGLRDPFAERGEAWALMKEIEAAGEALQSV 120

QY 121 HEVFSAPVPGTGTGTSAELEVRHSLSVFFVRLVPSDPDFVGVDSLDLDCGDRWRQA 180
Db 121 HEVFSAPVPGTGTGTSAELEVRHSLSVFFVRLVPSDPDFVGVDSLDLDCGDRWRQA 180

QY 181 ALDLYPYDAGTSGTFFSPNFATIPQDTVTBITSSPSHPANSFYPRLKALPIARVT 240
Db 181 ALDLYPYDAGTSGTFFSPNFATIPQDTVTBITSSPSHPANSFYPRLKALPIARVT 240

QY 241 LRLRQSPRAFIAPPVLPSPRNEIVDSASVPETPLDCEVSLWSSWGLCGGHCGLGTGS 300
Db 241 LRLRQSPRAFIAPPVLPSPRNEIVDSASVPETPLDCEVSLWSSWGLCGGHCGLGTGS 300

QY 301 RRYRYRVQPNNGSPCELEEEAECPDNCV 331
Db 301 RRYRYRVQPNNGSPCELEEEAECPDNCV 331

RESULT 47
US-10-143-028A-236

; Sequence 236, Application US/10143028A
; Publication No. US20030180310A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC37
; CURRENT APPLICATION NUMBER: US/10/143,028A
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 236
; LENGTH: 331
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-143-028A-236

Query Match
Best Local Similarity 100.0%; Score 1760; DB 14; Length 331;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MENPSAALGKALCALLATLGAAGQPLGGESICSARAPAKYSITFTGKWSQTAPPKQY 60
Db 1 MENPSAALGKALCALLATLGAAGQPLGGESICSARAPAKYSITFTGKWSQTAPPKQY 60

QY 61 PLFRPPAQWSSLLGAHSSDYSMWRKNQVNSGLRDPFAERGEAWALMKEIEAAGEALQSV 120

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Db      61  PLFRPPAQWSSLLGAHSDYSNWRKQNVSVNGLRDPFAERGEAWALMKIEAAGEALQSV 120
Qy      121  HEVFSAPVPSGTGTSAELEVQRHSLVSVFVRIVPSPDMFVGVDLSLDCGDRWRQQA 180
Db      121  HEVFSAPVPSGTGTSAELEVQRHSLVSVFVRIVPSPDMFVGVDLSLDCGDRWRQQA 180
Qy      181  ALDLYPYDAGTDSGTFSSPNPATIPQDTVTBITSSSPSHPANSFYPRLKALPPIARVT 240
Db      181  ALDLYPYDAGTDSGTFSSPNPATIPQDTVTBITSSSPSHPANSFYPRLKALPPIARVT 240
Qy      241  LLRLRQSPRAFTPPAPVLPSPRDNELVDSASVPETPLDCEVSLWSSWGLCGGHGRLGTKS 300
Db      241  LLRLRQSPRAFTPPAPVLPSPRDNELVDSASVPETPLDCEVSLWSSWGLCGGHGRLGTKS 300
Qy      301  RTRYVRVQPNNGSPCELEEEAECPDNCV 331
Db      301  RTRYVRVQPNNGSPCELEEEAECPDNCV 331

RESULT 48
US-10-143-029A-236
: Sequence 236, Application US/10143029A
: Publication No. US20030180311A1
: GENERAL INFORMATION:
: APPLICANT: Ashkenazi, Avi
: APPLICANT: Baker Kevin P.
: APPLICANT: Botstein, David
: APPLICANT: Desnoyers, Luc
: APPLICANT: Eaton, Dan
: APPLICANT: Ferrara, Napoleon
: APPLICANT: Filvaroff, Ellen
: APPLICANT: Fong, Sherman
: APPLICANT: Gao, Wei-Qiang
: APPLICANT: Gerber, Hanspeter
: APPLICANT: Gerritsen, Mary E.
: APPLICANT: Goddard, Audrey
: APPLICANT: Godowski, Paul J.
: APPLICANT: Grimaldi, J. Christopher
: APPLICANT: Gurney, Austin L.
: APPLICANT: Hillan, Kenneth J.
: APPLICANT: Kljavin, Ivar J.
: APPLICANT: Kuo, Sophia S.
: APPLICANT: Napier, Mary A.
: APPLICANT: Pan, James;
: APPLICANT: Paoni, Nicholas F.
: APPLICANT: Roy, Margaret Ann
: APPLICANT: Shelton, David L.
: APPLICANT: Stewart, Timothy A.
: APPLICANT: Tumas, Daniel
: APPLICANT: Williams, P. Mickey
: APPLICANT: Wood, William I.
: TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
: FILE REFERENCE: P2830P1C54
: CURRENT APPLICATION NUMBER: US/10/143,029A
: CURRENT FILING DATE: 2001-10-19
: PRIOR APPLICATION NUMBER: 09/918585
: PRIOR FILING DATE: 2001-07-30
: PRIOR APPLICATION NUMBER: 60/062250
: PRIOR FILING DATE: 1997-10-17
: PRIOR APPLICATION NUMBER: 60/064249
: PRIOR FILING DATE: 1997-11-03
: PRIOR APPLICATION NUMBER: 60/065311
: PRIOR FILING DATE: 1997-11-13
: PRIOR APPLICATION NUMBER: 60/066364
: PRIOR FILING DATE: 1997-11-21
: PRIOR APPLICATION NUMBER: 60/077450
: PRIOR FILING DATE: 1998-03-10
: PRIOR APPLICATION NUMBER: 60/077632
: PRIOR FILING DATE: 1998-03-11
: PRIOR APPLICATION NUMBER: 60/077641
: PRIOR FILING DATE: 1998-03-11
: PRIOR APPLICATION NUMBER: 60/077649
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: PRIOR FILING DATE: 1998-03-11
: PRIOR APPLICATION NUMBER: 60/077791
: PRIOR FILING DATE: 1998-03-12
: PRIOR APPLICATION NUMBER: 60/078004
: PRIOR FILING DATE: 1998-03-13
: PRIOR APPLICATION NUMBER: 60/078886
: PRIOR FILING DATE: 1998-03-20
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: PRIOR FILING DATE: 1998-03-20
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: PRIOR APPLICATION NUMBER: 60/078939
: PRIOR FILING DATE: 1998-03-20
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: PRIOR APPLICATION NUMBER: 60/079663
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: PRIOR FILING DATE: 1998-03-31
: PRIOR APPLICATION NUMBER: 60/080194
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; PRIOR APPLICATION NUMBER: 60/082704
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; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704

; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match      100.0%; Score 1760; DB 14; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MENPSAALGKALCALLLTLGAAGQPLGGESICSAAPAKYVITFTGKWSQTAPPKQY 60
Db 1 MENPSAALGKALCALLLTLGAAGQPLGGESICSAAPAKYVITFTGKWSQTAPPKQY 60

QY 61 PLFRPPAQWSSLLGAHSSDYSMRKNQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120
Db 61 PLFRPPAQWSSLLGAHSSDYSMRKNQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120

QY 121 HEVFSAPAVPGTGTQTSAELEVRHSLVSFVVRIVPSPDFVGVDSLDLDCGDRWREQA 180
Db 121 HEVFSAPAVPGTGTQTSAELEVRHSLVSFVVRIVPSPDFVGVDSLDLDCGDRWREQA 180

QY 181 ALDLYPYDAGTDSGFTFSSPNFATIPQDTVTETITSSSPSHPNANSFYPRKALPPIARVT 240
Db 181 ALDLYPYDAGTDSGFTFSSPNFATIPQDTVTETITSSSPSHPNANSFYPRKALPPIARVT 240

QY 241 LLRLRQSPRAFIPAPVLPSPDRNEIVDSASVPEPLDCEVSLWSSWGLCGHCGRLGTSK 300
Db 241 LLRLRQSPRAFIPAPVLPSPDRNEIVDSASVPEPLDCEVSLWSSWGLCGHCGRLGTSK 300

QY 301 RTRYVRVQPNANGSPCELEBEAECPDNCV 331
Db 301 RTRYVRVQPNANGSPCELEBEAECPDNCV 331

RESULT 49
US-10-145-089A-236
; Sequence 236, Application US/10145089A
; Publication No. US20030180867A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC31
; CURRENT APPLICATION NUMBER: US/10/145,089A
; CURRENT FILING DATE: 2002-09-04
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
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; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 236
; LENGTH: 331
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-145-089A-236

Query Match      100.0%; Score 1760; DB 14; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MENPSAALGKALCALLATLGAAGQPLGGESICSAAPAKYSITFTGKWSQTAFPKQY 60
Db 1 MENPSAALGKALCALLATLGAAGQPLGGESICSAAPAKYSITFTGKWSQTAFPKQY 60

QY 61 PLFRPPAQSLLGAHSSDYSMWRKNQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120
Db 61 PLFRPPAQSLLGAHSSDYSMWRKNQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120

QY 121 HEVFSAPAVPGTGTSAELEVRHSLVSFVVRIVPSDFVGVDSLDLDCGDRWRQEA 180
Db 121 HEVFSAPAVPGTGTSAELEVRHSLVSFVVRIVPSDFVGVDSLDLDCGDRWRQEA 180

QY 181 ALDLYPYDAGTDSGFTFSSPNFATIPQDVTTEITSSSPSHFANSFYPRLKALPIARVT 240
Db 181 ALDLYPYDAGTDSGFTFSSPNFATIPQDVTTEITSSSPSHFANSFYPRLKALPIARVT 240

QY 241 LLRLRQSPRAFIIPAPVLPSPRDNIEIVDSASVPETPLDCEVSLWSSWGLCGGHCGRGLGTS 300
Db 241 LLRLRQSPRAFIIPAPVLPSPRDNIEIVDSASVPETPLDCEVSLWSSWGLCGGHCGRGLGTS 300

QY 301 RTRYVRVQPANNQSPCEPEEEAECVDPNCV 331
Db 301 RTRYVRVQPANNQSPCEPEEEAECVDPNCV 331

RESULT 50
US-10-165-067A-236
; Sequence 236, Application US/10165067A
; Publication No. US20030185841a1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
```

RESULT 51
US-10-145-017A-236
; Sequence 236, Application US/10145017A
; Publication No. US20030186365A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC32
; CURRENT APPLICATION NUMBER: US/10/145,017A
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 236
; LENGTH: 331
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-145-017A-236
Query Match 100.0%; Score 1760; DB 14; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MENPSAALGKALCALLLTIAGAGQPLGGSSICSAAPAKYSITFTCKNSQTAPPKQY 60
DB 1 MENPSAALGKALCALLLTIAGAGQPLGGSSICSAAPAKYSITFTCKNSQTAPPKQY 60

QY 61 PLFRPPAQWSSLLGAHSSDYSMWRKQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120
DB 61 PLFRPPAQWSSLLGAHSSDYSMWRKQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120
QY 121 HEVFSAPAVPGSGTGQTSAELEVRQRHSLVSVFVRIVPGPDWFGVDSLDLDCGDRWREQA 180
DB 121 HEVFSAPAVPGSGTGQTSAELEVRQRHSLVSVFVRIVPGPDWFGVDSLDLDCGDRWREQA 180
QY 181 ALDLYPYDAGTDSGFTFSSPNFATIPQDVTVEITSSSPSHPANSPFYPRLKALPPIARVT 240
DB 181 ALDLYPYDAGTDSGFTFSSPNFATIPQDVTVEITSSSPSHPANSPFYPRLKALPPIARVT 240
QY 241 LLRLQSPRAFIAPPAPVLPSPRNEIVDSASVPETPLDCEVSLWSSWGLCGGCHGRLGTKS 300
DB 241 LLRLQSPRAFIAPPAPVLPSPRNEIVDSASVPETPLDCEVSLWSSWGLCGGCHGRLGTKS 300
QY 301 RTRYVRVQPANNGSPCELEBEAECPDNCV 331
DB 301 RTRYVRVQPANNGSPCELEBEAECPDNCV 331
RESULT 52
US-10-164-728A-236
; Sequence 236, Application US/10164728A
; Publication No. US20030186368A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC43
; CURRENT APPLICATION NUMBER: US/10/164,728A
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11

```

; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 236
; LENGTH: 331
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-164-728A-236

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	Query Match	100.0%;	Score 1760;	DB 14;	Length 331;
	Best Local Similarity	100.0%;	Pred. No. 2.3e-150;		
	Matches 331;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
Qy	1	MENPSPAALGKALCALLATLGAAGQPLGGESICSAAPAPAKYSITFTGKWSQTAFPKQY	60		
Db	1	MENPSPAALGKALCALLATLGAAGQPLGGESICSAAPAPAKYSITFTGKWSQTAFPKQY	60		
Qy	61	PLFRPPAQWSSLLGAASHSSDYSMWRKNQYVSNGLRDFAEARGEAWLMKEIEAAGEALQSV	120		
Db	61	PLFRPPAQWSSLLGAASHSSDYSMWRKNQYVSNGLRDFAEARGEAWLMKEIEAAGEALQSV	120		
Qy	121	HEVFSAPAVPSGTQGTSAELVEQRRHSLVSFVVRIVPSPDWVFVGVDSLDLDCDGRWRREQA	180		
Db	121	HEVFSAPAVPSGTQGTSAELVEQRRHSLVSFVVRIVPSPDWVFVGVDSLDLDCDGRWRREQA	180		
Qy	181	ALDLYPDAGTDCSGFTSSSPNFATIPQDVTVEITSSPSHPANFYFYPRLKALPPIARVT	240		
Db	181	ALDLYPDAGTDCSGFTSSSPNFATIPQDVTVEITSSPSHPANFYFYPRLKALPPIARVT	240		
Qy	241	LLRLRQSPRAFIIPAPVLPISRDNEIVDSASVPETPLDCEVSLWSSWGLCGGHCGRIGTKS	300		
Db	241	LLRLRQSPRAFIIPAPVLPISRDNEIVDSASVPETPLDCEVSLWSSWGLCGGHCGRIGTKS	300		
Qy	301	RTRYRVQPANNGSPCPLEEEAEACVPDNCV	331		
Db	301	RTRYRVQPANNGSPCPLEEEAEACVPDNCV	331		

RESULT 53
US-10-013-926A-236
; Sequence 236, Application US/10013926A
; Publication No. US20030187241A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel

```

; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC80
; CURRENT APPLICATION NUMBER: US/10/013,926A
; CURRENT FILING DATE: 2002-09-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 236
; LENGTH: 331
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-013-926A-236

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Query Match	100.0%;	Score	1760;	DB	14;	Length	331;
Best Local Similarity	100.0%;	Pred. No.	2.3e-150;				
Matches	331;	Conservative	0;	Mismatches	0;	Indels	0;
Qy	1	MENPSPAALGKALCALLATLGAAGPLCGGESIC	SARAPAKYSITFTGKWSQTAFPKQY	60			
Db	1	MENPSPAALGKALCALLATLGAAGPLCGGESIC	SARAPAKYSITFTGKWSQTAFPKQY	60			
Qy	61	PLFRPPAQMSSLLGAHSDSYSMWRKNQYVNSGLRDP	FAERGEAWALMKEIEAAGEALQSV	120			
Db	61	PLFRPPAQMSSLLGAHSDSYSMWRKNQYVNSGLRDP	FAERGEAWALMKEIEAAGEALQSV	120			
Qy	121	HEVFSAPAPSGTGQTSAELEVORRHSLVSFVVRIV	SPDMFVGVDSDLDCDGRWRREQA	180			
Db	121	HEVFSAPAPSGTGQTSAELEVORRHSLVSFVVRIV	SPDMFVGVDSDLDCDGRWRREQA	180			
Qy	181	ALDLYPYDAGTDSGGFTFSSPNFATIPDQTVTEIT	TSSSPSPHANSFYYPRLKALPPIARVT	240			
Db	181	ALDLYPYDAGTDSGGFTFSSPNFATIPDQTVTEIT	TSSSPSPHANSFYYPRLKALPPIARVT	240			
Qy	241	LLRLRQSPRAFIPPAPVLP	SRDNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTKS	300			
Db	241	LLRLRQSPRAFIPPAPVLP	SRDNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTKS	300			
Qy	301	RTYRVRVQPNANGSPCP	EEAEACVPDNCV	331			
Db	301	RTYRVRVQPNANGSPCP	EEAEACVPDNCV	331			

```

RESULT 54
US-10-165-247A-236
; Sequence 236, Application US/10165247A
; Publication NO. US20030190321A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc

```

```

; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC41
; CURRENT APPLICATION NUMBER: US/10/165,247A
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 236
; LENGTH: 331
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-165-247A-236

Query Match      100.0%; Score 1760; DB 14; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MENPSAALGKALCALLIATIGAGQPLGGESIC SARAPAKYITFTGKWSQTAPPKQY 60
DB 1 MENPSAALGKALCALLIATIGAGQPLGGESIC SARAPAKYITFTGKWSQTAPPKQY 60

QY 61 PLFRPPAOWSSLLGAHSSDYSMWRKNQVSNGLRDFRGEAWALMKEIEAAGALQSV 120
DB 61 PLFRPPAOWSSLLGAHSSDYSMWRKNQVSNGLRDFRGEAWALMKEIEAAGALQSV 120

QY 121 HEVFSAPAVPSTGQTSAELEVRHSLVSFVVRIVPSPDWFVGVDSLDLDCDGRWREQA 180
DB 121 HEVFSAPAVPSTGQTSAELEVRHSLVSFVVRIVPSPDWFVGVDSLDLDCDGRWREQA 180

QY 181 ALDLYPYDAGTDSGFTFSSPNFATIPQDVTVEITSSSPSHPANSFYPRKALPPIARVT 240
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DB 181 ALDLYPYDAGTDSGFTFSSPNFATIPQDVTVEITSSSPSHPANSFYPRKALPPIARVT 240
QY 241 LLRLRQSPRAFIAPPAPVLPSPRDNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTKS 300
DB 241 LLRLRQSPRAFIAPPAPVLPSPRDNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTKS 300
QY 301 RTRYVRVQPNANGSPCPELEEEAECPDNCV 331
DB 301 RTRYVRVQPNANGSPCPELEEEAECPDNCV 331
```

RESULT 55

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US-10-145-124A-236
; Sequence 236, Application US/10145124A
; Publication No. US20030190701A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC44
; CURRENT APPLICATION NUMBER: US/10/145,124A
; CURRENT FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 236
; LENGTH: 331
```

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; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-145-124A-236

Query Match      100.0%; Score 1760; DB 14; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MENPSPAAALGKALCALLATLGAAGQPLGGESICSAAPAKYISITFTGKWSQTAPPKQY 60
DB 1 MENPSPAAALGKALCALLATLGAAGQPLGGESICSAAPAKYISITFTGKWSQTAPPKQY 60

QY 61 PLFRPPAQWSSLLGAHSSDYSMWRKQYVSNGLRDFAEERGEAWALMKEIEAAGEALQSV 120
DB 61 PLFRPPAQWSSLLGAHSSDYSMWRKQYVSNGLRDFAEERGEAWALMKEIEAAGEALQSV 120

QY 121 HEVFSAPAVPSGTGOTSAELEVQRHSLVSFVVRIVPSDFWVGVDSLDLDCGDRWREQA 180
DB 121 HEVFSAPAVPSGTGOTSAELEVQRHSLVSFVVRIVPSDFWVGVDSLDLDCGDRWREQA 180

QY 181 ALDLYPYDAGTDSGTFSSPNFATIPQDVTVEITSSSPSHPANSFYPRLKALPPIARVT 240
DB 181 ALDLYPYDAGTDSGTFSSPNFATIPQDVTVEITSSSPSHPANSFYPRLKALPPIARVT 240

QY 241 LLRLRQSPRAFIPAPVLPSPRDNIEVDSASVPETPLDCEVSLWSSWGLCGGHCGRGTGS 300
DB 241 LLRLRQSPRAFIPAPVLPSPRDNIEVDSASVPETPLDCEVSLWSSWGLCGGHCGRGTGS 300

QY 301 RTRYVRVQPANNNGSPCEPELEEEAECPDNCV 331
DB 301 RTRYVRVQPANNNGSPCEPELEEEAECPDNCV 331
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RESULT 56
US-10-160-502A-236
; Sequence 236, Application US/10160502A
; Publication No. US20030190703A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC57
; CURRENT APPLICATION NUMBER: US/10/160,502A
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
```

```
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 236
; LENGTH: 331
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-160-502A-236

Query Match      100.0%; Score 1760; DB 14; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MENPSPAAALGKALCALLATLGAAGQPLGGESICSAAPAKYISITFTGKWSQTAPPKQY 60
DB 1 MENPSPAAALGKALCALLATLGAAGQPLGGESICSAAPAKYISITFTGKWSQTAPPKQY 60

QY 61 PLFRPPAQWSSLLGAHSSDYSMWRKQYVSNGLRDFAEERGEAWALMKEIEAAGEALQSV 120
DB 61 PLFRPPAQWSSLLGAHSSDYSMWRKQYVSNGLRDFAEERGEAWALMKEIEAAGEALQSV 120

QY 121 HEVFSAPAVPSGTGOTSAELEVQRHSLVSFVVRIVPSDFWVGVDSLDLDCGDRWREQA 180
DB 121 HEVFSAPAVPSGTGOTSAELEVQRHSLVSFVVRIVPSDFWVGVDSLDLDCGDRWREQA 180

QY 181 ALDLYPYDAGTDSGTFSSPNFATIPQDVTVEITSSSPSHPANSFYPRLKALPPIARVT 240
DB 181 ALDLYPYDAGTDSGTFSSPNFATIPQDVTVEITSSSPSHPANSFYPRLKALPPIARVT 240

QY 241 LLRLRQSPRAFIPAPVLPSPRDNIEVDSASVPETPLDCEVSLWSSWGLCGGHCGRGTGS 300
DB 241 LLRLRQSPRAFIPAPVLPSPRDNIEVDSASVPETPLDCEVSLWSSWGLCGGHCGRGTGS 300

QY 301 RTRYVRVQPANNNGSPCEPELEEEAECPDNCV 331
DB 301 RTRYVRVQPANNNGSPCEPELEEEAECPDNCV 331
```

```
RESULT 57
US-10-145-087A-236
; Sequence 236, Application US/10145087A
; Publication No. US2003019410A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
```


APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PIC47
CURRENT APPLICATION NUMBER: US/10/145,087A
CURRENT FILING DATE: 2001-10-18
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 236
LENGTH: 331
TYPE: PRT
ORGANISM: Homo sapiens
US-10-145-087A-236

Query Match 100.0%; Score 1760; DB 14; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MENPSAALGKALLATLGAAGQPLGGESICSARAPAKYSITFTGKWSQTAPPKQY 60
DB 1 MENPSAALGKALLATLGAAGQPLGGESICSARAPAKYSITFTGKWSQTAPPKQY 60
QY 61 PLFRPPAQWSSLLGAHSSDYSMWRKNQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120
DB 61 PLFRPPAQWSSLLGAHSSDYSMWRKNQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120
QY 121 HEVFSAPAVPGTGTGTSAELEVRHSLVSFVVRIVPSPDWFVGVDSLDLDCDGRWROA 180
DB 121 HEVFSAPAVPGTGTGTSAELEVRHSLVSFVVRIVPSPDWFVGVDSLDLDCDGRWROA 180
QY 181 ALDLYPYDAGTDSGFTFSSPNFATIPQDVTVEITSSSPSHPANSFYPRLKALPIARVT 240
DB 181 ALDLYPYDAGTDSGFTFSSPNFATIPQDVTVEITSSSPSHPANSFYPRLKALPIARVT 240
QY 241 LLRLQSPRAFTPPAPVLPBSRNEIVDSASVPETPLDCEVLSWSSWGLCGHCGRLGTSK 300
DB 241 LLRLQSPRAFTPPAPVLPBSRNEIVDSASVPETPLDCEVLSWSSWGLCGHCGRLGTSK 300
QY 301 RTRYVRVQPNNGSPCEPEEEAECPDNVCV 331
DB 301 RTRYVRVQPNNGSPCEPEEEAECPDNVCV 331

RESULT 58
US-10-017-086A-236
Sequence 236, Application US/10017086A
Publication No. US20030194744A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Pilvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630PIC64
CURRENT APPLICATION NUMBER: US/10/017,086A
CURRENT FILING DATE: 2002-04-30
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 236
LENGTH: 331
TYPE: PRT
ORGANISM: Homo sapiens
US-10-017-086A-236
Query Match 100.0%; Score 1760; DB 14; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MENPSAALGKALLATLGAAGQPLGGESICSARAPAKYSITFTGKWSQTAPPKQY 60
DB 1 MENPSAALGKALLATLGAAGQPLGGESICSARAPAKYSITFTGKWSQTAPPKQY 60
QY 61 PLFRPPAQWSSLLGAHSSDYSMWRKNQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120
DB 61 PLFRPPAQWSSLLGAHSSDYSMWRKNQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120
QY 121 HEVFSAPAVPGTGTGTSAELEVRHSLVSFVVRIVPSPDWFVGVDSLDLDCDGRWROA 180
DB 121 HEVFSAPAVPGTGTGTSAELEVRHSLVSFVVRIVPSPDWFVGVDSLDLDCDGRWROA 180
QY 181 ALDLYPYDAGTDSGFTFSSPNFATIPQDVTVEITSSSPSHPANSFYPRLKALPIARVT 240
DB 181 ALDLYPYDAGTDSGFTFSSPNFATIPQDVTVEITSSSPSHPANSFYPRLKALPIARVT 240
QY 241 LLRLQSPRAFTPPAPVLPBSRNEIVDSASVPETPLDCEVLSWSSWGLCGHCGRLGTSK 300
DB 241 LLRLQSPRAFTPPAPVLPBSRNEIVDSASVPETPLDCEVLSWSSWGLCGHCGRLGTSK 300
QY 301 RTRYVRVQPNNGSPCEPEEEAECPDNVCV 331
DB 301 RTRYVRVQPNNGSPCEPEEEAECPDNVCV 331

Db 301 RTRYRVQPANNGSPCPPELEEEAECPDNCV 331

RESULT 59

US-10-164-829A-236

; Sequence 236, Application US/10164829A

; Publication No. US20030194780A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnovers, Luc

; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth J.

; APPLICANT: Kijavin, Ivar J.

; APPLICANT: Kuo, Sophia S.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Shelton, David L.

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; TITLE OF INVENTION: Acids Encoding the Same

; FILE REFERENCE: P2630PIC28

; CURRENT APPLICATION NUMBER: US/10/164,829A

; PRIOR FILING DATE: 2001-10-19

; PRIOR APPLICATION NUMBER: 09/918585

; PRIOR FILING DATE: 2001-07-30

; PRIOR APPLICATION NUMBER: 60/062250

; PRIOR FILING DATE: 1997-10-17

; PRIOR APPLICATION NUMBER: 60/064249

; PRIOR FILING DATE: 1997-11-03

; PRIOR APPLICATION NUMBER: 60/065311

; PRIOR FILING DATE: 1997-11-13

; PRIOR APPLICATION NUMBER: 60/066364

; PRIOR FILING DATE: 1997-11-21

; PRIOR APPLICATION NUMBER: 60/077450

; PRIOR FILING DATE: 1998-03-10

; PRIOR APPLICATION NUMBER: 60/077632

; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/077641

; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/077649

; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/077791

; PRIOR FILING DATE: 1998-03-12

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 624

; SEQ ID NO 236

; LENGTH: 331

; TYPE: PRT

; ORGANISM: Homo sapiens

US-10-164-829A-236

Query Match 100.0%; Score 1760; DB 14; Length 331;

Best Local Similarity 100.0%; Pred. No. 2.3e-150; Gaps 0;

Matches 331; Conservative 0; Mismatches 0; Indels 0;

Qy 1 MENPSAALGKALCALLATLGAAGQPLGGESICSAAPAKYSITFTGKWSQTAPPKQY 60

Db 1 MENPSAALGKALCALLATLGAAGQPLGGESICSAAPAKYSITFTGKWSQTAPPKQY 60

Qy 61 PLFRPPAQSLLGAHSSDYSMWRKNQYVNGLRDPAERGEAWALMKEIEAAGEALQSV 120

Db 61 PLFRPPAQSLLGAHSSDYSMWRKNQYVNGLRDPAERGEAWALMKEIEAAGEALQSV 120

Qy 121 HEVFSAPAVPSGTQGTSAELEVRHSHLSVSVFVVRVPSDFVGVDSLDLDCDGRWREQA 180

Db 121 HEVFSAPAVPSGTQGTSAELEVRHSHLSVSVFVVRVPSDFVGVDSLDLDCDGRWREQA 180

Qy 181 ALDLYPYDAGTDSGFTSSPNFATIPQDVTVEITSSSPSHPANSFYPRLKALPPIARVT 240

Db 181 ALDLYPYDAGTDSGFTSSPNFATIPQDVTVEITSSSPSHPANSFYPRLKALPPIARVT 240

Qy 241 LLRLRQSPRAFIIPAPVLPSPRDNEIVDSASVPETPLDCEVSLWSSWGI-CGGHCGRLGTKS 300

Db 241 LLRLRQSPRAFIIPAPVLPSPRDNEIVDSASVPETPLDCEVSLWSSWGI-CGGHCGRLGTKS 300

Qy 301 RTRYRVQPANNGSPCPPELEEEAECPDNCV 331

Db 301 RTRYRVQPANNGSPCPPELEEEAECPDNCV 331

RESULT 60

US-10-164-929A-236

; Sequence 236, Application US/10164929A

; Publication No. US20030194781A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnovers, Luc

; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth J.

; APPLICANT: Kijavin, Ivar J.

; APPLICANT: Kuo, Sophia S.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Shelton, David L.

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; TITLE OF INVENTION: Acids Encoding the Same

; FILE REFERENCE: P2630PIC36

; CURRENT APPLICATION NUMBER: US/10/164,929A

; CURRENT FILING DATE: 2001-10-19

; PRIOR APPLICATION NUMBER: 09/918585

; PRIOR FILING DATE: 2001-07-30

; PRIOR APPLICATION NUMBER: 60/062250

; PRIOR FILING DATE: 1997-10-17

; PRIOR APPLICATION NUMBER: 60/064249

; PRIOR FILING DATE: 1997-11-03

; PRIOR APPLICATION NUMBER: 60/065311

; PRIOR FILING DATE: 1997-11-13

; PRIOR APPLICATION NUMBER: 60/066364

; PRIOR FILING DATE: 1997-11-21

; PRIOR APPLICATION NUMBER: 60/077450

; PRIOR FILING DATE: 1998-03-10

```
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 236
; LENGTH: 331
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-164-929A-236

Query Match      100.0%; Score 1760; DB 14; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MENPSAALGKALCALLLTIAGAGOPLGGSICSAAPAKYSITFTGKWSQTAPPKQY 60
   |||||
Db 1 MENPSAALGKALCALLLTIAGAGOPLGGSICSAAPAKYSITFTGKWSQTAPPKQY 60
   |||||

QY 61 PLFRPPAOWSSLGAHSSDYSNWRKNQVSNGLRDFAEERGEAWLMKEIEAAGALQSV 120
   |||||
Db 61 PLFRPPAOWSSLGAHSSDYSNWRKNQVSNGLRDFAEERGEAWLMKEIEAAGALQSV 120
   |||||

QY 121 HEVFSAPAVPSGTGTSABEVQRHSLVSFVVRIVPSPDFVGVDSLDCDGRWREQA 180
   |||||
Db 121 HEVFSAPAVPSGTGTSABEVQRHSLVSFVVRIVPSPDFVGVDSLDCDGRWREQA 180
   |||||

QY 181 ALDLYPYDAGTSGFTFSSPNFATIPQDVTBITSSPSHPANSFYPRKALPPIARTV 240
   |||||
Db 181 ALDLYPYDAGTSGFTFSSPNFATIPQDVTBITSSPSHPANSFYPRKALPPIARTV 240
   |||||

QY 241 LRLRQSPRAFIPAPVPLSRDNEIVDSASVPEPLDCEVSLWSWGLCGGHCGLGTGS 300
   |||||
Db 241 LRLRQSPRAFIPAPVPLSRDNEIVDSASVPEPLDCEVSLWSWGLCGGHCGLGTGS 300
   |||||

QY 301 RTRYVRVQPNNGSPCEPEEEAEACVPDNCV 331
   |||||
Db 301 RTRYVRVQPNNGSPCEPEEEAEACVPDNCV 331
   |||||

RESULT 61
US-10-013-922A-236
; Sequence 236, Application US/10013922A
; Publication No. US20030195345A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
```

```
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC81
; CURRENT APPLICATION NUMBER: US/10/013,922A
; CURRENT FILING DATE: 2001-10-25
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078939
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079664
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079689
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079663
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079786
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079920
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/079923
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/080105
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080107
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080165
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080194
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080327
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080328
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; PRIOR APPLICATION NUMBER: 60/080333
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080334
; PRIOR FILING DATE: 1998-04-01
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;; PRIOR APPLICATION NUMBER: 60/081070
;; PRIOR FILING DATE: 1998-04-08
;; PRIOR APPLICATION NUMBER: 60/081049
;; PRIOR FILING DATE: 1998-04-08
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;; PRIOR FILING DATE: 1998-04-08
;; PRIOR APPLICATION NUMBER: 60/081195
;; PRIOR FILING DATE: 1998-04-08
;; PRIOR APPLICATION NUMBER: 60/081203
;; PRIOR FILING DATE: 1998-04-09
;; PRIOR APPLICATION NUMBER: 60/081229
;; PRIOR FILING DATE: 1998-04-09
;; PRIOR APPLICATION NUMBER: 60/081955
;; PRIOR FILING DATE: 1998-04-15
;; PRIOR APPLICATION NUMBER: 60/081817
;; PRIOR FILING DATE: 1998-04-15
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;; PRIOR FILING DATE: 1998-04-28
;; PRIOR APPLICATION NUMBER: 60/083392
;; PRIOR FILING DATE: 1998-04-29
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;; PRIOR APPLICATION NUMBER: 60/083500
;; PRIOR FILING DATE: 1998-04-29
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;; PRIOR APPLICATION NUMBER: 60/084366
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;; PRIOR APPLICATION NUMBER: 60/084414
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;; PRIOR APPLICATION NUMBER: 60/084441
;; PRIOR FILING DATE: 1998-05-06
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;; PRIOR APPLICATION NUMBER: 60/084639
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084640
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084598

;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084600
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084627
;; PRIOR FILING DATE: 1998-05-07
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;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/085339
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;; PRIOR APPLICATION NUMBER: 60/085323
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085582
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085700
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085689
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085579
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085580
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085573
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697
Query Match 100.0%; Score 1760; DB 14; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MENSPAAALGKALLATLGAAGOPLGESICSAAPAKYISITFTGKWSQTAFPKQY 60
Db 1 MENSPAAALGKALLATLGAAGOPLGESICSAAPAKYISITFTGKWSQTAFPKQY 60
Qy 61 FLFRPPAQWSSLLGAHSSDYSMWRKQYVNGRLDFAERGEAWALMKEIEAAGEALQSV 120
Db 61 FLFRPPAQWSSLLGAHSSDYSMWRKQYVNGRLDFAERGEAWALMKEIEAAGEALQSV 120
Qy 121 HEVFSAPAVPGTGTSAELEVRHRHSILVSFVVRIVPSPDFVGVDSLDLDCGDRWRQQA 180
Db 121 HEVFSAPAVPGTGTSAELEVRHRHSILVSFVVRIVPSPDFVGVDSLDLDCGDRWRQQA 180
Qy 181 ALDLYPYDAGTDSGFTSSPNFATIPQDVTVEITSSSPSHPANSFYYPRLKALPPIARVT 240
Db 181 ALDLYPYDAGTDSGFTSSPNFATIPQDVTVEITSSSPSHPANSFYYPRLKALPPIARVT 240
Qy 241 LLRLRQSPRAFIIPAPVLPSPRDNIEIVDSASVPETPLDCEVSLWSSWGLCGHGCGRLGTKS 300
Db 241 LLRLRQSPRAFIIPAPVLPSPRDNIEIVDSASVPETPLDCEVSLWSSWGLCGHGCGRLGTKS 300
Qy 301 RTRVYRVQPNNGSPCEPELEEEAECPDNCV 331
Db 301 RTRVYRVQPNNGSPCEPELEEEAECPDNCV 331

RESULT 62
US-10-020-445A-236
; Sequence 236, Application US/10020445A
; Publication No. US20030198994A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter

APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630PIC74
CURRENT APPLICATION NUMBER: US/10/020,445A
CURRENT FILING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
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PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/080105
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PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080165
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PRIOR APPLICATION NUMBER: 60/080194
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080327
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080328
PRIOR FILING DATE: 1998-04-01
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PRIOR FILING DATE: 1998-04-01
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;; PRIOR APPLICATION NUMBER: 60/084366
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;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085573
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1760; DB 14; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MENPSAALGKALCALLATLGAAGQPLGGESICSAAPAKYSITFTGKWSQTAPPKQY 60
DB 1 MENPSAALGKALCALLATLGAAGQPLGGESICSAAPAKYSITFTGKWSQTAPPKQY 60

QY 61 PLFRPPAOWSSLLGAHSSDYSMWRKNQVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120
DB 61 PLFRPPAOWSSLLGAHSSDYSMWRKNQVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120

QY 121 HEVFSAPAVPGTGTSAELEVQRHSLVSVFVVRIVPSDFVGVDSLDLDCDGRWRQEA 180
DB 121 HEVFSAPAVPGTGTSAELEVQRHSLVSVFVVRIVPSDFVGVDSLDLDCDGRWRQEA 180

QY 181 ALDLYPDAGTDSGTFSSPNPATIPQDTVTITSSSPHANSFYPRLKALPIARVT 240
DB 181 ALDLYPDAGTDSGTFSSPNPATIPQDTVTITSSSPHANSFYPRLKALPIARVT 240

QY 241 LLRLQSPRAFPAPVPLPSRDNVDSASVPETPLDCEVLSWSSWGLCGHCGRLGTS 300
DB 241 LLRLQSPRAFPAPVPLPSRDNVDSASVPETPLDCEVLSWSSWGLCGHCGRLGTS 300

QY 301 RTRYVRVQPNNGSPCEPEEEAECVPCNV 331
DB 301 RTRYVRVQPNNGSPCEPEEEAECVPCNV 331

RESULT 63
US-10-013-924A-236

;; Sequence 236, Application US/10013924A
;; Publication No. US20030199021A1
;; GENERAL INFORMATION:
;; APPLICANT: Ashkenazi, Avi
;; APPLICANT: Baker Kevin P.
;; APPLICANT: Botstein, David
;; APPLICANT: Desnoyers, Luc
;; APPLICANT: Eaton, Dan
;; APPLICANT: Ferrata, Napoleon
;; APPLICANT: Filvaroff, Ellen
;; APPLICANT: Fong, Sherman
;; APPLICANT: Gao, Wei-Qiang
;; APPLICANT: Gerber, Hanspeter
;; APPLICANT: Gottsden, Mary E.
;; APPLICANT: Goddard, Audrey
;; APPLICANT: Godowski, Paul J.
;; APPLICANT: Grimaldi, J. Christopher
;; APPLICANT: Gurney, Austin L.
;; APPLICANT: Hillan, Kenneth J.
;; APPLICANT: Kllavin, Ivar J.
;; APPLICANT: Kuo, Sophia S.
;; APPLICANT: Napier, Mary A.
;; APPLICANT: Pan, James;
;; APPLICANT: Paoni, Nicholas F.
;; APPLICANT: Roy, Margaret Ann
;; APPLICANT: Shelton, David L.
;; APPLICANT: Stewart, Timothy A.
;; APPLICANT: Tumas, Daniel
;; APPLICANT: Williams, P. Mickey
;; APPLICANT: Wood, William I.
;; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
;; FILE REFERENCE: P2630P1C76
;; CURRENT APPLICATION NUMBER: US/10/013,924A
;; CURRENT FILING DATE: 2002-12-10
;; PRIOR APPLICATION NUMBER: 09/918585
;; PRIOR FILING DATE: 2001-07-30
;; PRIOR APPLICATION NUMBER: 60/062250
;; PRIOR FILING DATE: 1997-10-17
;; PRIOR APPLICATION NUMBER: 60/064249
;; PRIOR FILING DATE: 1997-11-03
;; PRIOR APPLICATION NUMBER: 60/065311
;; PRIOR FILING DATE: 1997-11-13
;; PRIOR APPLICATION NUMBER: 60/066364
;; PRIOR FILING DATE: 1997-11-21
;; PRIOR APPLICATION NUMBER: 60/077450
;; PRIOR FILING DATE: 1998-03-10
;; PRIOR APPLICATION NUMBER: 60/077632
;; PRIOR FILING DATE: 1998-03-11
;; PRIOR APPLICATION NUMBER: 60/077641
;; PRIOR FILING DATE: 1998-03-11
;; PRIOR APPLICATION NUMBER: 60/077649
;; PRIOR FILING DATE: 1998-03-11
;; PRIOR APPLICATION NUMBER: 60/077791
;; PRIOR FILING DATE: 1998-03-12
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 624
;; SEQ ID NO 236
;; LENGTH: 331
;; TYPE: PRT
;; ORGANISM: Homo sapiens
US-10-013-924A-236

Query Match 100.0%; Score 1760; DB 14; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MENPSAALGKALCALLATLGAAGQPLGGESICSAAPAKYSITFTGKWSQTAPPKQY 60
DB 1 MENPSAALGKALCALLATLGAAGQPLGGESICSAAPAKYSITFTGKWSQTAPPKQY 60

QY 61 PLFRPPAOWSSLLGAHSSDYSMWRKNQVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120

Db 61 PLFRPPAQMSSLLGAHSSDYSMWRKNQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120
QY 121 HEVFSAPVPGTGTGTSAELEVQRHSLVSFVVRIVPSPDFVGVDSLDLDCGDRWREQA 180
Db 121 HEVFSAPVPGTGTGTSAELEVQRHSLVSFVVRIVPSPDFVGVDSLDLDCGDRWREQA 180
QY 181 ALDLYPYDAGTDSGTFSSPNFATIPQDVTVEITSSSPSHPANSFYPRLKALPPIARVT 240
Db 181 ALDLYPYDAGTDSGTFSSPNFATIPQDVTVEITSSSPSHPANSFYPRLKALPPIARVT 240
QY 241 LLRLQSPRAFTPPAPVLPSPRNEIVDSASVPETPLDCEVSLWSWGLCGHCGRLGTSK 300
Db 241 LLRLQSPRAFTPPAPVLPSPRNEIVDSASVPETPLDCEVSLWSWGLCGHCGRLGTSK 300
QY 301 RTRYVRVQPNNGSPCELEEEAEACVPDNCV 331
Db 301 RTRYVRVQPNNGSPCELEEEAEACVPDNCV 331

RESULT 64

US-10-017-084A-236
; Sequence 236, Application US/10017084A
; Publication No. US20030203402A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C66
; CURRENT APPLICATION NUMBER: US/10/017,084A
; CURRENT FILING DATE: 2002-04-30
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 236
; LENGTH: 331
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-017-084A-236

Query Match 100.0%; Score 1760; DB 15; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MENPSPAALGKALLATLGAAGQPLGGSSIC SARAPAKYSITFTGKWSQTAFPPKQY 60
Db 1 MENPSPAALGKALLATLGAAGQPLGGSSIC SARAPAKYSITFTGKWSQTAFPPKQY 60
QY 61 PLFRPPAQMSSLLGAHSSDYSMWRKNQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120

Db 61 PLFRPPAQMSSLLGAHSSDYSMWRKNQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120
QY 121 HEVFSAPVPGTGTGTSAELEVQRHSLVSFVVRIVPSPDFVGVDSLDLDCGDRWREQA 180
Db 121 HEVFSAPVPGTGTGTSAELEVQRHSLVSFVVRIVPSPDFVGVDSLDLDCGDRWREQA 180
QY 181 ALDLYPYDAGTDSGTFSSPNFATIPQDVTVEITSSSPSHPANSFYPRLKALPPIARVT 240
Db 181 ALDLYPYDAGTDSGTFSSPNFATIPQDVTVEITSSSPSHPANSFYPRLKALPPIARVT 240
QY 241 LLRLQSPRAFTPPAPVLPSPRNEIVDSASVPETPLDCEVSLWSWGLCGHCGRLGTSK 300
Db 241 LLRLQSPRAFTPPAPVLPSPRNEIVDSASVPETPLDCEVSLWSWGLCGHCGRLGTSK 300
QY 301 RTRYVRVQPNNGSPCELEEEAEACVPDNCV 331
Db 301 RTRYVRVQPNNGSPCELEEEAEACVPDNCV 331

RESULT 65

US-10-145-016A-236
; Sequence 236, Application US/10145016A
; Publication No. US20030203433A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C52
; CURRENT APPLICATION NUMBER: US/10/145,016A
; CURRENT FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11

```
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 236
; LENGTH: 331
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-145-016A-236

Query Match      100.0%; Score 1760; DB 15; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MENPSAALGKALCALLATLGAAGQPLGGESICSAAPAKYSITFTGKWSQTAFPKQY 60
DB 1 MENPSAALGKALCALLATLGAAGQPLGGESICSAAPAKYSITFTGKWSQTAFPKQY 60

QY 61 PLFRPPAQWSSLLGAHSSDYSMWRKNQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120
DB 61 PLFRPPAQWSSLLGAHSSDYSMWRKNQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120

QY 121 HEVFSAPAVPGTGTSAELEVRHSHSVFVVRIVPSPDFMVGVDSDLCDGDRWRQEA 180
DB 121 HEVFSAPAVPGTGTSAELEVRHSHSVFVVRIVPSPDFMVGVDSDLCDGDRWRQEA 180

QY 181 ALDLYPYDAGTDSGFTSSPNFATIPQDVTVEITSSSPSHFANSFYPRLKALPPIARVT 240
DB 181 ALDLYPYDAGTDSGFTSSPNFATIPQDVTVEITSSSPSHFANSFYPRLKALPPIARVT 240

QY 241 LLRLRQSPRAFIIPAPVLPSPDNEIVDSASVPETPLDCEVLSWSSWGLCGGHCGRGLGTS 300
DB 241 LLRLRQSPRAFIIPAPVLPSPDNEIVDSASVPETPLDCEVLSWSSWGLCGGHCGRGLGTS 300

QY 301 RTRYVRVQPANNQSPCEPEEEAECPDNCV 331
DB 301 RTRYVRVQPANNQSPCEPEEEAECPDNCV 331

RESULT 66
US-10-145-088A-236
; Sequence 236, Application US/10145088A
; Publication No. US2003020343A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gottstein, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
```



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; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC45
; CURRENT APPLICATION NUMBER: US/10/145,092A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 236
; LENGTH: 331
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-145-092A-236

Query Match 100.0%; Score 1760; DB 15; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MENPSAALGKALCALLIATGAAGQPLGGESICARAPAKYSITFTGKWSQTAPPKQY 60
Db 1 MENPSAALGKALCALLIATGAAGQPLGGESICARAPAKYSITFTGKWSQTAPPKQY 60

QY 61 PLFRPPAOWSSILGAHSDYSWVRKQVNSGLRDFAEERGEAWALMKIEAAGEALQSV 120
Db 61 PLFRPPAOWSSILGAHSDYSWVRKQVNSGLRDFAEERGEAWALMKIEAAGEALQSV 120

QY 121 HEVFSAPVPSGTGTSAEVQRHSLVSFVVRIVPSDPWFVGVDSLDLDCDGRWREQA 180
Db 121 HEVFSAPVPSGTGTSAEVQRHSLVSFVVRIVPSDPWFVGVDSLDLDCDGRWREQA 180

QY 181 ALDLYPDAGTSGTFFSSPNFATIPQDVTITSSPSHPANSFYPRKALPIARVT 240
Db 181 ALDLYPDAGTSGTFFSSPNFATIPQDVTITSSPSHPANSFYPRKALPIARVT 240

; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC45
; CURRENT APPLICATION NUMBER: US/10/145,092A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 236
; LENGTH: 331
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-145-129A-236

; Sequence 236, Application US/10145129A
; Publication No. US20030203436A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC51
; CURRENT APPLICATION NUMBER: US/10/145,129A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 236
; LENGTH: 331
; TYPE: PRT
; ORGANISM: Homo sapiens
QY 241 LLRLRQSPRAFIIPAPVLPSPRDNIEVDSASVETPLDCEVSLWSSWGLCGHGRIGTKS 300
Db 241 LLRLRQSPRAFIIPAPVLPSPRDNIEVDSASVETPLDCEVSLWSSWGLCGHGRIGTKS 300
QY 301 RTRYVRVQPNNGSPCEPELEEAECVPCNCV 331
Db 301 RTRYVRVQPNNGSPCEPELEEAECVPCNCV 331

RESULT 68
US-10-145-129A-236
; Sequence 236, Application US/10145129A
; Publication No. US20030203436A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC51
; CURRENT APPLICATION NUMBER: US/10/145,129A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 236
; LENGTH: 331
; TYPE: PRT
; ORGANISM: Homo sapiens
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US-10-145-129A-236

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Query Match      100.0%; Score 1760; DB 15; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MENPSPAAALGKALCALLATLGAAGQPLGGESICSAAPAKYISITFTGKWSQTAFPKQY 60
Db 1 MENPSPAAALGKALCALLATLGAAGQPLGGESICSAAPAKYISITFTGKWSQTAFPKQY 60

QY 61 PLFRPPAQWSSLLGAHSSDYSMRKNOYVNGLRDFAERGEAWALMKEIEAAGEALQSV 120
Db 61 PLFRPPAQWSSLLGAHSSDYSMRKNOYVNGLRDFAERGEAWALMKEIEAAGEALQSV 120

QY 121 HEVFSAPAVPSGTGTSAELEVQRHSLVSFVVRIVPSPDMFVGVDSLDLDCGDRWREQA 180
Db 121 HEVFSAPAVPSGTGTSAELEVQRHSLVSFVVRIVPSPDMFVGVDSLDLDCGDRWREQA 180

QY 181 ALDLYPYDAGTDSGFTSSPNFATIPQDTVTETITSSSPSHANSFYPRLKALPIARVT 240
Db 181 ALDLYPYDAGTDSGFTSSPNFATIPQDTVTETITSSSPSHANSFYPRLKALPIARVT 240

QY 241 LLRLQSPRAFIIPAPVLPSPDNEIVDSASVPETPLDCEVSLWSWGLCGHCGRLGTSK 300
Db 241 LLRLQSPRAFIIPAPVLPSPDNEIVDSASVPETPLDCEVSLWSWGLCGHCGRLGTSK 300

QY 301 RTRVYRVQPNANGSPCPELEEEAECPDNCV 331
Db 301 RTRVYRVQPNANGSPCPELEEEAECPDNCV 331
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RESULT 69

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US-10-165-038A-236
; Sequence 236, Application US/10165038A
; Publication No. US20030203441A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Goddard, Audrey
; APPLICANT: Goddard, Audrey
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PLC29
; CURRENT APPLICATION NUMBER: US/10/165,038A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
```

```
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 236
; LENGTH: 331
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-165-038A-236

Query Match      100.0%; Score 1760; DB 15; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MENPSPAAALGKALCALLATLGAAGQPLGGESICSAAPAKYISITFTGKWSQTAFPKQY 60
Db 1 MENPSPAAALGKALCALLATLGAAGQPLGGESICSAAPAKYISITFTGKWSQTAFPKQY 60

QY 61 PLFRPPAQWSSLLGAHSSDYSMRKNOYVNGLRDFAERGEAWALMKEIEAAGEALQSV 120
Db 61 PLFRPPAQWSSLLGAHSSDYSMRKNOYVNGLRDFAERGEAWALMKEIEAAGEALQSV 120

QY 121 HEVFSAPAVPSGTGTSAELEVQRHSLVSFVVRIVPSPDMFVGVDSLDLDCGDRWREQA 180
Db 121 HEVFSAPAVPSGTGTSAELEVQRHSLVSFVVRIVPSPDMFVGVDSLDLDCGDRWREQA 180

QY 181 ALDLYPYDAGTDSGFTSSPNFATIPQDTVTETITSSSPSHANSFYPRLKALPIARVT 240
Db 181 ALDLYPYDAGTDSGFTSSPNFATIPQDTVTETITSSSPSHANSFYPRLKALPIARVT 240

QY 241 LLRLQSPRAFIIPAPVLPSPDNEIVDSASVPETPLDCEVSLWSWGLCGHCGRLGTSK 300
Db 241 LLRLQSPRAFIIPAPVLPSPDNEIVDSASVPETPLDCEVSLWSWGLCGHCGRLGTSK 300

QY 301 RTRVYRVQPNANGSPCPELEEEAECPDNCV 331
Db 301 RTRVYRVQPNANGSPCPELEEEAECPDNCV 331

RESULT 70
US-10-165-353A-236
; Sequence 236, Application US/10165353A
; Publication No. US20030203442A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerriksen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
```

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; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC40
; CURRENT APPLICATION NUMBER: US/10/165,353A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 236
; LENGTH: 331
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-165-353A-236

Query Match      100.0%; Score 1760; DB 15; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1  MENPSPAALGKALCALLLATTGAAGPLGGESIC SARAPAKYSITFTGKWSQTAPPKQY 60
Db      1  MENPSPAALGKALCALLLATTGAAGPLGGESIC SARAPAKYSITFTGKWSQTAPPKQY 60

Qy      61  PLFRPPAQWSSLLGAHSDYSMWKKNQVNSGLRDFABERGEAWALMKEIEAAGEALQSV 120
Db      61  PLFRPPAQWSSLLGAHSDYSMWKKNQVNSGLRDFABERGEAWALMKEIEAAGEALQSV 120

Qy      121  HEVFSAPVPSGTGTSAELEVQRHSLVSFVVRIVPSDPWFVDSLDLDCDGRWRQQA 180
Db      121  HEVFSAPVPSGTGTSAELEVQRHSLVSFVVRIVPSDPWFVDSLDLDCDGRWRQQA 180

Qy      181  ALDLYPYDAGTDSGTFSSPNEFATIPQDTVTITSSSPSHPANSFYPRLKALPIARVT 240
Db      181  ALDLYPYDAGTDSGTFSSPNEFATIPQDTVTITSSSPSHPANSFYPRLKALPIARVT 240

Qy      241  LRLRQSPRAFIPPAVPLPSRNEIVDSASVPTPLDCEVSLWSSWGLCGHCGRLGTKS 300
Db      241  LRLRQSPRAFIPPAVPLPSRNEIVDSASVPTPLDCEVSLWSSWGLCGHCGRLGTKS 300

Qy      301  RTRYVYRVQPNNGSPCEPELEEEAECPDNCV 331
Db      301  RTRYVYRVQPNNGSPCEPELEEEAECPDNCV 331
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RESULT 71
US-10-167-600-236
; Sequence 236, Application US/10167600
; Publication No. US20030203443A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC35
; CURRENT APPLICATION NUMBER: US/10/167,600
; CURRENT FILING DATE: 2002-12-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 236
; LENGTH: 331
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-167-600-236

Query Match      100.0%; Score 1760; DB 15; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1  MENPSPAALGKALCALLLATTGAAGPLGGESIC SARAPAKYSITFTGKWSQTAPPKQY 60
Db      1  MENPSPAALGKALCALLLATTGAAGPLGGESIC SARAPAKYSITFTGKWSQTAPPKQY 60
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QY 61 PLFRPPAQWSSLLGAHSSDYSMRKQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120
DB 61 PLFRPPAQWSSLLGAHSSDYSMRKQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120
QY 121 HEVSAPAVPSGTGOTSAAELVQRHSLVSFVVRIVPSPDFVGVDSLDLDCGDRWRQEA 180
DB 121 HEVSAPAVPSGTGOTSAAELVQRHSLVSFVVRIVPSPDFVGVDSLDLDCGDRWRQEA 180
QY 181 ALDLYPYDAGTDSGFTTSSPNFATIPQDVTTEITSSSPSHANSFYYPRLKALPPIARVT 240
DB 181 ALDLYPYDAGTDSGFTTSSPNFATIPQDVTTEITSSSPSHANSFYYPRLKALPPIARVT 240
QY 241 LLRLRQSPRAFIAPPVLPSPRDNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTS 300
DB 241 LLRLRQSPRAFIAPPVLPSPRDNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTS 300
QY 301 RTRYVRVQPNNGSPCPPELEEEAECPDNCV 331
DB 301 RTRYVRVQPNNGSPCPPELEEEAECPDNCV 331

RESULT 72

US-10-170-481A-236

; Sequence 236, Application US/10170481A

; Publication No. US2003020344A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnovers, Luc

; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth J.

; APPLICANT: Klujoan, Ivar J.

; APPLICANT: Kuo, Sophia S.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Shelton, David L.

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; FILE OF INVENTION: Acids Encoding the Same

; FILE REFERENCE: P2630PIC53

; CURRENT APPLICATION NUMBER: US/10/170,481A

; PRIOR FILING DATE: 2002-10-10

; PRIOR APPLICATION NUMBER: 09/918585

; PRIOR FILING DATE: 2001-07-30

; PRIOR APPLICATION NUMBER: 60/062250

; PRIOR FILING DATE: 1997-10-17

; PRIOR APPLICATION NUMBER: 60/064249

; PRIOR FILING DATE: 1997-11-03

; PRIOR APPLICATION NUMBER: 60/065311

; PRIOR FILING DATE: 1997-11-13

; PRIOR APPLICATION NUMBER: 60/066364

; PRIOR FILING DATE: 1997-11-21

; PRIOR APPLICATION NUMBER: 60/077450

; PRIOR FILING DATE: 1998-03-10

; PRIOR APPLICATION NUMBER: 60/077632

; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/077641

; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 236

; LENGTH: 331

; TYPE: PRT

; ORGANISM: Homo sapiens

; US-10-170-481A-236

Query Match

Best Local Similarity 100.0%; Score 1760; DB 15; Length 331;

Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MENSPAAALGKALCALLATLGAAGQPLGSGESCSARAPAKYSITFTGKWSQTAFPKQY 60

DB 1 MENSPAAALGKALCALLATLGAAGQPLGSGESCSARAPAKYSITFTGKWSQTAFPKQY 60

QY 61 PLFRPPAQWSSLLGAHSSDYSMRKQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120

DB 61 PLFRPPAQWSSLLGAHSSDYSMRKQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120

QY 121 HEVSAPAVPSGTGOTSAAELVQRHSLVSFVVRIVPSPDFVGVDSLDLDCGDRWRQEA 180

DB 121 HEVSAPAVPSGTGOTSAAELVQRHSLVSFVVRIVPSPDFVGVDSLDLDCGDRWRQEA 180

QY 181 ALDLYPYDAGTDSGFTTSSPNFATIPQDVTTEITSSSPSHANSFYYPRLKALPPIARVT 240

DB 181 ALDLYPYDAGTDSGFTTSSPNFATIPQDVTTEITSSSPSHANSFYYPRLKALPPIARVT 240

QY 241 LLRLRQSPRAFIAPPVLPSPRDNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTS 300

DB 241 LLRLRQSPRAFIAPPVLPSPRDNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTS 300

QY 301 RTRYVRVQPNNGSPCPPELEEEAECPDNCV 331

DB 301 RTRYVRVQPNNGSPCPPELEEEAECPDNCV 331

RESULT 73

US-10-172-039A-236

; Sequence 236, Application US/10172039A

; Publication No. US20030203445A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnovers, Luc

; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth J.

; APPLICANT: Klujoan, Ivar J.

; APPLICANT: Kuo, Sophia S.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Shelton, David L.

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

Db 181 ALDLYPYDAGTDSGFTFSPPNFATIPQDVTVEITSSSPSHPANSTFYPRLKALPPIARVT 240
QY 241 LLRLRQSPRAFIIPAPVLPSPRDNEIVDSASVPETPLDCEVLSWWSWGLCGGHCGRGLGTS 300
Db 241 LLRLRQSPRAFIIPAPVLPSPRDNEIVDSASVPETPLDCEVLSWWSWGLCGGHCGRGLGTS 300
QY 301 RTRVVRVQPNNGSPCPLEBEAEACVPDNCV 331
Db 301 RTRVVRVQPNNGSPCPLEBEAEACVPDNCV 331

RESULT 75

US-10-017-085A-236
; Sequence 236, Application US/10017085A
; Publication No. US20030204055A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: ROY, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C73
; CURRENT APPLICATION NUMBER: US/10/017,085A
; CURRENT FILING DATE: 2002-04-30
; Prior Application removed - File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 236
; LENGTH: 331
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-017-085A-236

Query Match 100.0%; Score 1760; DB 15; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MENPSPAALGKALCALLATLGAAGQPLGGESICSAAPAKYSITFTGKWSQTAFPPKQY 60
Db 1 MENPSPAALGKALCALLATLGAAGQPLGGESICSAAPAKYSITFTGKWSQTAFPPKQY 60
QY 61 PLFRPPAOWSSLLGAHSSDYSMWRKNQYVSNGLRDPFAERGEAWALMKEIEAAGEALQSV 120
Db 61 PLFRPPAOWSSLLGAHSSDYSMWRKNQYVSNGLRDPFAERGEAWALMKEIEAAGEALQSV 120
QY 121 HEVFSAPAVPGTGTGTSAELEVQRHSLVSFVVRIVPSPDFVGVDSLDLDCGDRWRQEA 180
Db 121 HEVFSAPAVPGTGTGTSAELEVQRHSLVSFVVRIVPSPDFVGVDSLDLDCGDRWRQEA 180
QY 181 ALDLYPYDAGTDSGFTFSPPNFATIPQDVTVEITSSSPSHPANSTFYPRLKALPPIARVT 240

Db 181 ALDLYPYDAGTDSGFTFSPPNFATIPQDVTVEITSSSPSHPANSTFYPRLKALPPIARVT 240
QY 241 LLRLRQSPRAFIIPAPVLPSPRDNEIVDSASVPETPLDCEVLSWWSWGLCGGHCGRGLGTS 300
Db 241 LLRLRQSPRAFIIPAPVLPSPRDNEIVDSASVPETPLDCEVLSWWSWGLCGGHCGRGLGTS 300
QY 301 RTRVVRVQPNNGSPCPLEBEAEACVPDNCV 331
Db 301 RTRVVRVQPNNGSPCPLEBEAEACVPDNCV 331

RESULT 76

US-10-013-916A-236
; Sequence 236, Application US/10013916A
; Publication No. US20030206915A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: ROY, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C79
; CURRENT APPLICATION NUMBER: US/10/013,916A
; CURRENT FILING DATE: 2002-04-30
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 236
; LENGTH: 331
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-013-916A-236

Query Match 100.0%; Score 1760; DB 15; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MENPSPAALGKALCALLATLGAAGQPLGGESICSAAPAKYSITFTGKWSQTAFPPKQY 60
Db 1 MENPSPAALGKALCALLATLGAAGQPLGGESICSAAPAKYSITFTGKWSQTAFPPKQY 60
QY 61 PLFRPPAOWSSLLGAHSSDYSMWRKNQYVSNGLRDPFAERGEAWALMKEIEAAGEALQSV 120
Db 61 PLFRPPAOWSSLLGAHSSDYSMWRKNQYVSNGLRDPFAERGEAWALMKEIEAAGEALQSV 120
QY 121 HEVFSAPAVPGTGTGTSAELEVQRHSLVSFVVRIVPSPDFVGVDSLDLDCGDRWRQEA 180
Db 121 HEVFSAPAVPGTGTGTSAELEVQRHSLVSFVVRIVPSPDFVGVDSLDLDCGDRWRQEA 180

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QY 181 ALDLYPYDAGTDSGTFSSPNFATIPQDTVTETITSSPSHPANSFYYPRLKALPPIARTV 240
Db 181 ALDLYPYDAGTDSGTFSSPNFATIPQDTVTETITSSPSHPANSFYYPRLKALPPIARTV 240
QY 241 LLRLQSPRAFIPPAVLPSRNEIVDSASVETPLDCEVSLWSSWGLCGHCGRLGTS 300
Db 241 LLRLQSPRAFIPPAVLPSRNEIVDSASVETPLDCEVSLWSSWGLCGHCGRLGTS 300
QY 301 RTRYRVQPNNGSPCELEEEAECPDNCV 331
Db 301 RTRYRVQPNNGSPCELEEEAECPDNCV 331
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RESULT 77

US-10-143-026B-236

; Sequence 236, Application US/10143026B

; Publication No. US20030207803A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth J.

; APPLICANT: Kijavin, Ivar J.

; APPLICANT: Kuo, Sophia S.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James;

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Shelton, David L.

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; TITLE OF INVENTION: Acids Encoding the Same

; FILE REFERENCE: P2630PIC58

; CURRENT APPLICATION NUMBER: US/10/143,026B

; CURRENT FILING DATE: 2003-05-09

; PRIOR APPLICATION NUMBER: 09/918585

; PRIOR FILING DATE: 2001-07-30

; PRIOR APPLICATION NUMBER: 60/062250

; PRIOR FILING DATE: 1997-10-17

; PRIOR APPLICATION NUMBER: 60/064249

; PRIOR FILING DATE: 1997-11-03

; PRIOR APPLICATION NUMBER: 60/065311

; PRIOR FILING DATE: 1997-11-13

; PRIOR APPLICATION NUMBER: 60/066364

; PRIOR FILING DATE: 1997-11-21

; PRIOR APPLICATION NUMBER: 60/077450

; PRIOR FILING DATE: 1998-03-10

; PRIOR APPLICATION NUMBER: 60/077632

; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/077641

; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/077649

; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/077791

; PRIOR FILING DATE: 1998-03-12

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 624

; SEQ ID NO 236

;

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; LENGTH: 331
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-143-026B-236
Query Match 100.0%; Score 1760; DB 15; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MENPSAAALGKALLATLGAAGQPLGGSSICARAPAKYSITFTCKWSQTAPPKQY 60
Db 1 MENPSAAALGKALLATLGAAGQPLGGSSICARAPAKYSITFTCKWSQTAPPKQY 60
QY 61 PLFRPPAOWSSLLGAHSSDYSMWRKQYVNSGLRDFAEERGEAWLMKEIEAAGEALQSV 120
Db 61 PLFRPPAOWSSLLGAHSSDYSMWRKQYVNSGLRDFAEERGEAWLMKEIEAAGEALQSV 120
QY 121 HEVFSAPAVPGTGTSALEVQRHSLVSFVVRIVPSPDFVGVDSLDLDCGDRWREQA 180
Db 121 HEVFSAPAVPGTGTSALEVQRHSLVSFVVRIVPSPDFVGVDSLDLDCGDRWREQA 180
QY 181 ALDLYPYDAGTDSGTFSSPNFATIPQDTVTETITSSPSHPANSFYYPRLKALPPIARTV 240
Db 181 ALDLYPYDAGTDSGTFSSPNFATIPQDTVTETITSSPSHPANSFYYPRLKALPPIARTV 240
QY 241 LLRLQSPRAFIPPAVLPSRNEIVDSASVETPLDCEVSLWSSWGLCGHCGRLGTS 300
Db 241 LLRLQSPRAFIPPAVLPSRNEIVDSASVETPLDCEVSLWSSWGLCGHCGRLGTS 300
QY 301 RTRYRVQPNNGSPCELEEEAECPDNCV 331
Db 301 RTRYRVQPNNGSPCELEEEAECPDNCV 331
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RESULT 78

US-10-013-918A-236

; Sequence 236, Application US/10013918A

; Publication No. US20030211091A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth J.

; APPLICANT: Kijavin, Ivar J.

; APPLICANT: Kuo, Sophia S.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James;

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Shelton, David L.

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; TITLE OF INVENTION: Acids Encoding the Same

; FILE REFERENCE: P2630PIC77

; CURRENT APPLICATION NUMBER: US/10/013,918A

; CURRENT FILING DATE: 2002-03-25

; PRIOR APPLICATION NUMBER: 09/918585

; PRIOR FILING DATE: 2001-07-30

;

;; PRIOR APPLICATION NUMBER: 60/085323
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085582
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085700
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085689
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085579
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085580
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085573
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1760; DB 15; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150; Mismatches 0; Indels 0; Gaps 0;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MENPSAALGKALCALLATLGAAGQPLGGESICSARAPAKYSITFTGKWSQTAPPKQY 60
DB 1 MENPSAALGKALCALLATLGAAGQPLGGESICSARAPAKYSITFTGKWSQTAPPKQY 60
QY 61 PLFRPPAOWSSLLGAHSSDYSMWRKNQVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120
DB 61 PLFRPPAOWSSLLGAHSSDYSMWRKNQVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120
QY 121 HEVFSAPAVPGTGTGTSAELEVQRHSLVSFVVRIVPSPDFVGVDSLDCDGRWREQA 180
DB 121 HEVFSAPAVPGTGTGTSAELEVQRHSLVSFVVRIVPSPDFVGVDSLDCDGRWREQA 180
QY 181 ALDLYPYDAGTDSGFTSSPNPATIPQDVTBITSSSPSHPANSPFYPRLKALPIARTV 240
DB 181 ALDLYPYDAGTDSGFTSSPNPATIPQDVTBITSSSPSHPANSPFYPRLKALPIARTV 240
QY 241 LLRLQSPRAFIPAPVLPSPRNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTSK 300
DB 241 LLRLQSPRAFIPAPVLPSPRNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTSK 300
QY 301 RTRYVRVQPNNGSPCEPELEEEAECPDNCV 331
DB 301 RTRYVRVQPNNGSPCEPELEEEAECPDNCV 331

RESULT 79
US-10-162-521A-236
; Sequence 236, Application US/10162521A
; Publication No. US20030211092A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.

;; APPLICANT: Roy, Margaret Ann
;; APPLICANT: Shelton, David L.
;; APPLICANT: Stewart, Timothy A.
;; APPLICANT: Tumas, Daniel
;; APPLICANT: Williams, P. Mickey
;; APPLICANT: Wood, William I.
;; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
;; FILE REFERENCE: P2630PIC55
;; CURRENT APPLICATION NUMBER: US/10/162,521A
;; CURRENT FILING DATE: 2002-11-29
;; PRIOR APPLICATION NUMBER: 09/918585
;; PRIOR FILING DATE: 2001-07-30
;; PRIOR APPLICATION NUMBER: 60/062250
;; PRIOR FILING DATE: 1997-10-17
;; PRIOR APPLICATION NUMBER: 60/064249
;; PRIOR FILING DATE: 1997-11-03
;; PRIOR APPLICATION NUMBER: 60/065311
;; PRIOR FILING DATE: 1997-11-13
;; PRIOR APPLICATION NUMBER: 60/066364
;; PRIOR FILING DATE: 1997-11-21
;; PRIOR APPLICATION NUMBER: 60/077450
;; PRIOR FILING DATE: 1998-03-10
;; PRIOR APPLICATION NUMBER: 60/077632
;; PRIOR FILING DATE: 1998-03-11
;; PRIOR APPLICATION NUMBER: 60/077641
;; PRIOR FILING DATE: 1998-03-11
;; PRIOR APPLICATION NUMBER: 60/077649
;; PRIOR FILING DATE: 1998-03-11
;; PRIOR APPLICATION NUMBER: 60/077791
;; PRIOR FILING DATE: 1998-03-12
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 624
;; SEQ ID NO 236
;; LENGTH: 331
;; TYPE: PRT
;; ORGANISM: Homo sapiens
US-10-162-521A-236

Query Match 100.0%; Score 1760; DB 15; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150; Mismatches 331; Conservative 0; Indels 0; Gaps 0;
QY 1 MENPSAALGKALCALLATLGAAGQPLGGESICSARAPAKYSITFTGKWSQTAPPKQY 60
DB 1 MENPSAALGKALCALLATLGAAGQPLGGESICSARAPAKYSITFTGKWSQTAPPKQY 60
QY 61 PLFRPPAOWSSLLGAHSSDYSMWRKNQVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120
DB 61 PLFRPPAOWSSLLGAHSSDYSMWRKNQVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120
QY 121 HEVFSAPAVPGTGTGTSAELEVQRHSLVSFVVRIVPSPDFVGVDSLDCDGRWREQA 180
DB 121 HEVFSAPAVPGTGTGTSAELEVQRHSLVSFVVRIVPSPDFVGVDSLDCDGRWREQA 180
QY 181 ALDLYPYDAGTDSGFTSSPNPATIPQDVTBITSSSPSHPANSPFYPRLKALPIARTV 240
DB 181 ALDLYPYDAGTDSGFTSSPNPATIPQDVTBITSSSPSHPANSPFYPRLKALPIARTV 240
QY 241 LLRLQSPRAFIPAPVLPSPRNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTSK 300
DB 241 LLRLQSPRAFIPAPVLPSPRNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTSK 300
QY 301 RTRYVRVQPNNGSPCEPELEEEAECPDNCV 331
DB 301 RTRYVRVQPNNGSPCEPELEEEAECPDNCV 331

RESULT 80
US-10-013-928A-236
; Sequence 236, Application US/10013928A
; Publication No. US20030215905A1
; GENERAL INFORMATION:

```

; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Geritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Goddard, Mary E.
; APPLICANT: Goddard, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C56
; CURRENT APPLICATION NUMBER: US/10/013.928A
; CURRENT FILING DATE: 2001-10-25
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 236
; LENGTH: 331
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-013-928A-236

Query Match 100.0%; Score 1760; DB 15; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MENSPAAALGKALCALLATLGAAGQLGGESICSAAPAKYSITFTGKWSQTAPPKQY 60
Db 1 MENSPAAALGKALCALLATLGAAGQLGGESICSAAPAKYSITFTGKWSQTAPPKQY 60
Qy 61 PLFRPPAQWSSLLGAHSDYSWNRKNQVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120
Db 61 PLFRPPAQWSSLLGAHSDYSWNRKNQVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120
Qy 121 HEVFSAPAVPSGTGQTSAELEVQRHSLVSFVVRIVPSDFVGVDSLDLDCGDRWREQA 180
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Db 121 HEVFSAPAVPSGTGQTSAELEVQRHSLVSFVVRIVPSDFVGVDSLDLDCGDRWREQA 180
Qy 181 ALDLYPYDAGTDSGFTFSSPNFATIPQDVTVEITSSPSHPANSFYYPRLKALPIARVT 240
Db 181 ALDLYPYDAGTDSGFTFSSPNFATIPQDVTVEITSSPSHPANSFYYPRLKALPIARVT 240
Qy 241 LLRLRQSPRAFPAPPAPVLPSPRDNIEVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTSK 300
Db 241 LLRLRQSPRAFPAPPAPVLPSPRDNIEVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTSK 300
Qy 301 RTRVVRVQPNNGSPCPPELEEEAECPDNCV 331
Db 301 RTRVVRVQPNNGSPCPPELEEEAECPDNCV 331

RESULT 81
US-10-162-522A-236
; Sequence 236, Application US/10162522A
; Publication No. US20030215908A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Geritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Goddard, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C56
; CURRENT APPLICATION NUMBER: US/10/162,522A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
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Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 236
; LENGTH: 331
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-162-522A-236

Query Match 100.0%; Score 1760; DB 15; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MENPSPAAALGKALCALLATLGAAGQPLGGESICARAPAKYSITFTGKWSQTAPPKQY 60
Db 1 MENPSPAAALGKALCALLATLGAAGQPLGGESICARAPAKYSITFTGKWSQTAPPKQY 60
Qy 61 PLFRPPAQWSSLLGAHSSDYSMWRKNQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120
Db 61 PLFRPPAQWSSLLGAHSSDYSMWRKNQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120
Qy 121 HEVFSAPVPSGTGOTSLELEVQRHSLVSFVVRIVPSPDMFVGVDLDCGDRWREQA 180
Db 121 HEVFSAPVPSGTGOTSLELEVQRHSLVSFVVRIVPSPDMFVGVDLDCGDRWREQA 180
Qy 181 ALDLYPYDAGTDSGTFSSPNFATIPQDTVTETSSPSHPANSFYPRLKALPPIARVT 240
Db 181 ALDLYPYDAGTDSGTFSSPNFATIPQDTVTETSSPSHPANSFYPRLKALPPIARVT 240
Qy 241 LLRLRQSPRAFPAPVLPSPRNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTS 300
Db 241 LLRLRQSPRAFPAPVLPSPRNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTS 300
Qy 301 RTRYRVQPNNGSPCPPELEBEAECPDNCV 331
Db 301 RTRYRVQPNNGSPCPPELEBEAECPDNCV 331

RESULT 82

US-10-013-923A-236
; Sequence 236, Application US/10013923A
; Publication No. US20030216305A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C87
; CURRENT APPLICATION NUMBER: US/10/013, 923A

CURRENT FILING DATE: 2001-10-25
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 236
; LENGTH: 331
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-013-923A-236

Query Match 100.0%; Score 1760; DB 15; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MENPSPAAALGKALCALLATLGAAGQPLGGESICARAPAKYSITFTGKWSQTAPPKQY 60
Db 1 MENPSPAAALGKALCALLATLGAAGQPLGGESICARAPAKYSITFTGKWSQTAPPKQY 60
Qy 61 PLFRPPAQWSSLLGAHSSDYSMWRKNQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120
Db 61 PLFRPPAQWSSLLGAHSSDYSMWRKNQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120
Qy 121 HEVFSAPVPSGTGOTSLELEVQRHSLVSFVVRIVPSPDMFVGVDLDCGDRWREQA 180
Db 121 HEVFSAPVPSGTGOTSLELEVQRHSLVSFVVRIVPSPDMFVGVDLDCGDRWREQA 180
Qy 181 ALDLYPYDAGTDSGTFSSPNFATIPQDTVTETSSPSHPANSFYPRLKALPPIARVT 240
Db 181 ALDLYPYDAGTDSGTFSSPNFATIPQDTVTETSSPSHPANSFYPRLKALPPIARVT 240
Qy 241 LLRLRQSPRAFPAPVLPSPRNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTS 300
Db 241 LLRLRQSPRAFPAPVLPSPRNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTS 300
Qy 301 RTRYRVQPNNGSPCPPELEBEAECPDNCV 331
Db 301 RTRYRVQPNNGSPCPPELEBEAECPDNCV 331

RESULT 83

US-10-013-925A-236
; Sequence 236, Application US/10013925A
; Publication No. US20030216560A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C83

;; CURRENT APPLICATION NUMBER: US/10/013.925A
;; CURRENT FILING DATE: 2002-05-03
;; Prior Application removed - See File Wrapper or Palm
;; NUMBER OF SEQ ID NOS: 624
;; SEQ ID NO 236
;; LENGTH: 331
;; TYPE: PRT
;; ORGANISM: Homo sapiens
US-10-013-925A-236

Query Match 100.0%; Score 1760; DB 15; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	MENSPAAALGKALCALLATLGAAGQPLGGESICSAAPAKYSITFTGKWSQTAFPKQY	60
Db	1	MENSPAAALGKALCALLATLGAAGQPLGGESICSAAPAKYSITFTGKWSQTAFPKQY	60
Qy	61	PLFRPPAQWSSLLGAHSSDYSMWRKNQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV	120
Db	61	PLFRPPAQWSSLLGAHSSDYSMWRKNQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV	120
Qy	121	HEVFSAPAVPSGTGQTSAELEVQRHSLVSVFVRIVPSPDFVGVDSLDLDCGDRWREQA	180
Db	121	HEVFSAPAVPSGTGQTSAELEVQRHSLVSVFVRIVPSPDFVGVDSLDLDCGDRWREQA	180
Qy	181	ALDLYPYDAGTDSGTFSSPNFATIPQDTVTETSSPSHPANSFYYPRLKALPIARVT	240
Db	181	ALDLYPYDAGTDSGTFSSPNFATIPQDTVTETSSPSHPANSFYYPRLKALPIARVT	240
Qy	241	LLRLRQSPRAFIIPAPVLPSPRDNIEVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTGS	300
Db	241	LLRLRQSPRAFIIPAPVLPSPRDNIEVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTGS	300
Qy	301	RTRYRVQPNANGSPCPPELEEEACVDPNCV	331
Db	301	RTRYRVQPNANGSPCPPELEEEACVDPNCV	331

RESULT 84
US-10-013-927A-236

;; Sequence 236, Application US/10013927A
;; Publication No. US20030216561A1
;; GENERAL INFORMATION:
;; APPLICANT: Ashkenazi, Avi
;; APPLICANT: Baker Kevin P.
;; APPLICANT: Botstein, David
;; APPLICANT: Desnoyers, Luc
;; APPLICANT: Eaton, Dan
;; APPLICANT: Ferrara, Napoleon
;; APPLICANT: Filvaroff, Ellen
;; APPLICANT: Fong, Sherman
;; APPLICANT: Gao, Wei-Qiang
;; APPLICANT: Gerber, Hanspeter
;; APPLICANT: Gerritsen, Mary E.
;; APPLICANT: Goddard, Audrey
;; APPLICANT: Godowski, Paul J.
;; APPLICANT: Grimaldi, J. Christopher
;; APPLICANT: Gurney, Austin L.
;; APPLICANT: Hillan, Kenneth J.
;; APPLICANT: Kljavin, Ivar J.
;; APPLICANT: Kuo, Sophia S.
;; APPLICANT: Napier, Mary A.
;; APPLICANT: Pan, James;
;; APPLICANT: Paoni, Nicholas F.
;; APPLICANT: Roy, Margaret Ann
;; APPLICANT: Shelton, David L.
;; APPLICANT: Stewart, Timothy A.
;; APPLICANT: Tumas, Daniel
;; APPLICANT: Williams, P. Mickey
;; APPLICANT: Wood, William I.
;; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
;; TITLE OF INVENTION: Acids Encoding the Same

;; FILE REFERENCE: P2630P1C88
;; CURRENT APPLICATION NUMBER: US/10/013.927A
;; CURRENT FILING DATE: 2001-10-25
;; Prior Application removed - See File Wrapper or Palm
;; NUMBER OF SEQ ID NOS: 624
;; SEQ ID NO 236
;; LENGTH: 331
;; TYPE: PRT
;; ORGANISM: Homo sapiens
US-10-013-927A-236

Query Match 100.0%; Score 1760; DB 15; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	MENSPAAALGKALCALLATLGAAGQPLGGESICSAAPAKYSITFTGKWSQTAFPKQY	60
Db	1	MENSPAAALGKALCALLATLGAAGQPLGGESICSAAPAKYSITFTGKWSQTAFPKQY	60
Qy	61	PLFRPPAQWSSLLGAHSSDYSMWRKNQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV	120
Db	61	PLFRPPAQWSSLLGAHSSDYSMWRKNQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV	120
Qy	121	HEVFSAPAVPSGTGQTSAELEVQRHSLVSVFVRIVPSPDFVGVDSLDLDCGDRWREQA	180
Db	121	HEVFSAPAVPSGTGQTSAELEVQRHSLVSVFVRIVPSPDFVGVDSLDLDCGDRWREQA	180
Qy	181	ALDLYPYDAGTDSGTFSSPNFATIPQDTVTETSSPSHPANSFYYPRLKALPIARVT	240
Db	181	ALDLYPYDAGTDSGTFSSPNFATIPQDTVTETSSPSHPANSFYYPRLKALPIARVT	240
Qy	241	LLRLRQSPRAFIIPAPVLPSPRDNIEVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTGS	300
Db	241	LLRLRQSPRAFIIPAPVLPSPRDNIEVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTGS	300
Qy	301	RTRYRVQPNANGSPCPPELEEEACVDPNCV	331
Db	301	RTRYRVQPNANGSPCPPELEEEACVDPNCV	331

RESULT 85

US-10-145-093A-236
;; Sequence 236, Application US/10145093A
;; Publication No. US20040005312A1
;; GENERAL INFORMATION:
;; APPLICANT: Ashkenazi, Avi
;; APPLICANT: Baker Kevin P.
;; APPLICANT: Botstein, David
;; APPLICANT: Desnoyers, Luc
;; APPLICANT: Eaton, Dan
;; APPLICANT: Ferrara, Napoleon
;; APPLICANT: Filvaroff, Ellen
;; APPLICANT: Fong, Sherman
;; APPLICANT: Gao, Wei-Qiang
;; APPLICANT: Gerber, Hanspeter
;; APPLICANT: Gerritsen, Mary E.
;; APPLICANT: Goddard, Audrey
;; APPLICANT: Godowski, Paul J.
;; APPLICANT: Grimaldi, J. Christopher
;; APPLICANT: Gurney, Austin L.
;; APPLICANT: Hillan, Kenneth J.
;; APPLICANT: Kljavin, Ivar J.
;; APPLICANT: Kuo, Sophia S.
;; APPLICANT: Napier, Mary A.
;; APPLICANT: Pan, James;
;; APPLICANT: Paoni, Nicholas F.
;; APPLICANT: Roy, Margaret Ann
;; APPLICANT: Shelton, David L.
;; APPLICANT: Stewart, Timothy A.
;; APPLICANT: Tumas, Daniel
;; APPLICANT: Williams, P. Mickey
;; APPLICANT: Wood, William I.
;; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

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; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC48
; CURRENT APPLICATION NUMBER: US/10/145,093A
; CURRENT FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 236
; LENGTH: 331
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-145-093A-236

Query Match 100.0%; Score 1760; DB 15; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MENPSAALGKALLATLGAAGQPLGGESICSAAPAKYSITFTGKWSQTAPPKQY 60
Db 1 MENPSAALGKALLATLGAAGQPLGGESICSAAPAKYSITFTGKWSQTAPPKQY 60

Qy 61 PLFRPPAQWSSLLGAHSSDYSMWRKQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120
Db 61 PLFRPPAQWSSLLGAHSSDYSMWRKQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120

Qy 121 HEVFSAPAVPGSGTQTSAELEVRHSLVSFVVRIVPSDPDFVGVDSLDLDCDGRWREQA 180
Db 121 HEVFSAPAVPGSGTQTSAELEVRHSLVSFVVRIVPSDPDFVGVDSLDLDCDGRWREQA 180

Qy 181 ALDLYPYDAGTDSGFTFSSPNPATIPQDVTVEITSSSPSHPANSFYPRLKALPPIARTV 240
Db 181 ALDLYPYDAGTDSGFTFSSPNPATIPQDVTVEITSSSPSHPANSFYPRLKALPPIARTV 240

Qy 241 LLRLRQSPRAFTPPAPVLPFRDNEIVDSASVPTETPLDCEVLSWSSWGLCGHCGRLGTS 300
Db 241 LLRLRQSPRAFTPPAPVLPFRDNEIVDSASVPTETPLDCEVLSWSSWGLCGHCGRLGTS 300

Qy 301 RTRYRVQVPANNGPCPELEEEAECPDNCV 331
Db 301 RTRYRVQVPANNGPCPELEEEAECPDNCV 331

RESULT 86
US-10-013-919A-236
; Sequence 236, Application US/10013919A
; Publication No. US20040005657A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
```

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; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC85
; CURRENT APPLICATION NUMBER: US/10/013,919A
; CURRENT FILING DATE: 2001-10-25
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 236
; LENGTH: 331
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-013-919A-236

Query Match 100.0%; Score 1760; DB 15; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MENPSAALGKALLATLGAAGQPLGGESICSAAPAKYSITFTGKWSQTAPPKQY 60
Db 1 MENPSAALGKALLATLGAAGQPLGGESICSAAPAKYSITFTGKWSQTAPPKQY 60

Qy 61 PLFRPPAQWSSLLGAHSSDYSMWRKQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120
Db 61 PLFRPPAQWSSLLGAHSSDYSMWRKQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120

Qy 121 HEVFSAPAVPGSGTQTSAELEVRHSLVSFVVRIVPSDPDFVGVDSLDLDCDGRWREQA 180
Db 121 HEVFSAPAVPGSGTQTSAELEVRHSLVSFVVRIVPSDPDFVGVDSLDLDCDGRWREQA 180

Qy 181 ALDLYPYDAGTDSGFTFSSPNPATIPQDVTVEITSSSPSHPANSFYPRLKALPPIARTV 240
Db 181 ALDLYPYDAGTDSGFTFSSPNPATIPQDVTVEITSSSPSHPANSFYPRLKALPPIARTV 240
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241	Qy	LLRLRQSPRAFTPPAPVLPSPRDNEIVDSASVPETPLDCEVSLWSSWGLCGGHCGRLGTKS	300
241	Db	LLRLRQSPRAFTPPAPVLPSPRDNEIVDSASVPETPLDCEVSLWSSWGLCGGHCGRLGTKS	300
301	Qy	RTRYRVQVPANNGSPCPLEEEAEVCVDPNCV	331
301	Db	RTRYRVQVPANNGSPCPLEEEAEVCVDPNCV	331

RESULT 87

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US-10-013-920A-236
; Sequence 236, Application US/10013920A
; Publication No. US2004006219A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann.
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC78
; CURRENT APPLICATION NUMBER: US/10/013,920A
; CURRENT FILING DATE: 2001-10-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 236
; LENGTH: 331
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-013-920A-236

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Qy	241	LLRLRQSPRAFTPPAPVLPSRONEIYVDSASVPETP
Db	241	LLRLRQSPRAFTPPAPVLPSRONEIYVDSASVPETP
Qy	301	RTRYRVOPANNGSPCEPELEEAECVPDNCV 331
Db	301	RTRYRVOPANNGSPCEPELEEAECVPDNCV 331

RESULT 88

US-10-164-749A-236
; Sequence 236, Application US/10164749A
; Publication No. US20040029218A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC60
; CURRENT APPLICATION NUMBER: US/10/164,749A
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 236
; LENGTH: 331
; TYPE: PRT
; ORGANISM: Homo sapiens

US-10-164-749A-236

Query Match 100.0%; Score 1760; DB 15; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MENPSPAAALGKALCALLLTLGAAGQPLGGSSICARAPAKYSITFTGKWSQTAPPKQY 60
DB 1 MENPSPAAALGKALCALLLTLGAAGQPLGGSSICARAPAKYSITFTGKWSQTAPPKQY 60

QY 61 PLFRPPAQWSSLLGAHSSDYSMWRKNQVNSGLRDFAEERGEAWALMKIEAAGEALQSV 120
DB 61 PLFRPPAQWSSLLGAHSSDYSMWRKNQVNSGLRDFAEERGEAWALMKIEAAGEALQSV 120

QY 121 HEVFSAPAVPSTGTGTSAELEVQRHSLVSFVVRIVPSPDFVGVDSLDCDGRWREQA 180
DB 121 HEVFSAPAVPSTGTGTSAELEVQRHSLVSFVVRIVPSPDFVGVDSLDCDGRWREQA 180

QY 181 ALDLYPYDAGTDSGFTFSSPNFATIPQDVTVEITSSSPSHPANSFYPRKALPPIARVT 240
DB 181 ALDLYPYDAGTDSGFTFSSPNFATIPQDVTVEITSSSPSHPANSFYPRKALPPIARVT 240

QY 241 LLRLQSPRAFIPAPVLPSPRNEIVDSASVETPLDCEVLSWSSWGLCGHCGRLGTGS 300
DB 241 LLRLQSPRAFIPAPVLPSPRNEIVDSASVETPLDCEVLSWSSWGLCGHCGRLGTGS 300

QY 301 RTRYVRVQPNNGSPCEPELEEEAECPDNCV 331
DB 301 RTRYVRVQPNNGSPCEPELEEEAECPDNCV 331

RESULT 89

US-10-013-917A-236

Sequence 236, Application US/10013917A

Publication No. US20040063921A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic Acids Encoding the Same

FILE REFERENCE: P2630P1C82

CURRENT APPLICATION NUMBER: US/10/013,917A

CURRENT FILING DATE: 2001-10-25

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 624

SEQ ID NO 236

LENGTH: 331

TYPE: PRT

ORGANISM: Homo sapiens
US-10-013-917A-236

Query Match 100.0%; Score 1760; DB 15; Length 331;
Best Local Similarity 100.0%; Pred. No. 2.3e-150;
Matches 331; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MENPSPAAALGKALCALLLTLGAAGQPLGGSSICARAPAKYSITFTGKWSQTAPPKQY 60
DB 1 MENPSPAAALGKALCALLLTLGAAGQPLGGSSICARAPAKYSITFTGKWSQTAPPKQY 60

QY 61 PLFRPPAQWSSLLGAHSSDYSMWRKNQVNSGLRDFAEERGEAWALMKIEAAGEALQSV 120
DB 61 PLFRPPAQWSSLLGAHSSDYSMWRKNQVNSGLRDFAEERGEAWALMKIEAAGEALQSV 120

QY 121 HEVFSAPAVPSTGTGTSAELEVQRHSLVSFVVRIVPSPDFVGVDSLDCDGRWREQA 180
DB 121 HEVFSAPAVPSTGTGTSAELEVQRHSLVSFVVRIVPSPDFVGVDSLDCDGRWREQA 180

QY 181 ALDLYPYDAGTDSGFTFSSPNFATIPQDVTVEITSSSPSHPANSFYPRKALPPIARVT 240
DB 181 ALDLYPYDAGTDSGFTFSSPNFATIPQDVTVEITSSSPSHPANSFYPRKALPPIARVT 240

QY 241 LLRLQSPRAFIPAPVLPSPRNEIVDSASVETPLDCEVLSWSSWGLCGHCGRLGTGS 300
DB 241 LLRLQSPRAFIPAPVLPSPRNEIVDSASVETPLDCEVLSWSSWGLCGHCGRLGTGS 300

QY 301 RTRYVRVQPNNGSPCEPELEEEAECPDNCV 331
DB 301 RTRYVRVQPNNGSPCEPELEEEAECPDNCV 331

RESULT 90

US-10-152-388B-236

Sequence 236, Application US/10152388B

Publication No. US20040223964A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic Acids Encoding the Same

FILE REFERENCE: 39780-P2630P1C50

CURRENT APPLICATION NUMBER: US/10/152,388B

CURRENT FILING DATE: 2001-10-18

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 585

PRIOR FILING DATE: 2001-07-30

PRIOR APPLICATION NUMBER: PCT/US00/04341

PRIOR FILING DATE: 2000-02-18

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/ PRIOR APPLICATION NUMBER: US 60/131,445
/ PRIOR FILING DATE: 1999-04-28
/ PRIOR APPLICATION NUMBER: US 09/380,138
/ PRIOR FILING DATE: 1999-08-25
/ PRIOR APPLICATION NUMBER: PCT/US99/05028
/ PRIOR FILING DATE: 1999-03-08
/ PRIOR APPLICATION NUMBER: US 60/085,689
/ PRIOR FILING DATE: 1998-05-15
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 236
/ LENGTH: 331
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-152-388B-236

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Query Match	100.0.%;	Score 1760;	DB 16;	Length 331;
Best Local Similarity	100.0.%;	Pred. No. 2.3e-150;		
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QY	1	MENPSPAALGKALCALLLATHGNAGOPLGGESICSA	RAPAKYSITTTGKWSQTAFPKQY	60
DB	1	MENPSPAALGKALCALLLATHGNAGOPLGGESICSA	RAPAKYSITTTGKWSQTAFPKQY	60
QY	61	PLFRPPAQMSLLGAHSSDYSMWKKNQYVNSGLR	DFAEAGEAWLMKETEAAAGEALQSV	120
DB	61	PLFRPPAQMSLLGAHSSDYSMWKKNQYVNSGLR	DFAEAGEAWLMKETEAAAGEALQSV	120
QY	121	HEVFSAPAVSGTGQTSAAELVORRHSLVSFVVR	IVPSPDWFVGVDSLDLDCDGRWREQA	180
DB	121	HEVFSAPAVSGTGQTSAAELVORRHSLVSFVVR	IVPSPDWFVGVDSLDLDCDGRWREQA	180
QY	181	ALDLYPYDAGTDSGFTFSSPNFATIPDQTTTET	TSSSPHPANSFYPRLKALPPIARVT	240
DB	181	ALDLYPYDAGTDSGFTFSSPNFATIPDQTTTET	TSSSPHPANSFYPRLKALPPIARVT	240
QY	241	LLRLRQSPRAFIPPAPVLP SRDNEIVDSASV	PETPLDCEVSLWSSWGLCGHCGRLGTKS	300
DB	241	LLRLRQSPRAFIPPAPVLP SRDNEIVDSASV	PETPLDCEVSLWSSWGLCGHCGRLGTKS	300
QY	301	RTRYVRVQPNANGSPCPLEBEEAECVPDNCV		331
DB	301	RTRYVRVQPNANGSPCPLEBEEAECVPDNCV		331

Search completed: June 7, 2005, 09:57:01
Job time : 68 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: June 6, 2005, 11:34:21 ; Search time 28 Seconds
(without alignments)
882.459 Million cell updates/sec

Title: US-09-938-418-8
Perfect score: 1760
Sequence: 1 MENPSPAAALGKALCALLLA.....NGSPCELEEEAEVCVNDNCV 331

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents AA:*
1: /cgn2_6/prodata/1/iaa/5A COMB pep.*
2: /cgn2_6/prodata/1/iaa/5B COMB pep.*
3: /cgn2_6/prodata/1/iaa/6A COMB pep.*
4: /cgn2_6/prodata/1/iaa/6B COMB pep.*
5: /cgn2_6/prodata/1/iaa/PCTUS COMB pep.*
6: /cgn2_6/prodata/1/iaa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1744	99.1	331	US-09-732-357B-2	Sequence 2, Appli
2	1741	98.9	331	US-08-799-173A-2	Sequence 2, Appli
3	1741	98.9	331	US-09-170-042A-2	Sequence 2, Appli
4	1564.5	88.9	330	US-09-371-696-2	Sequence 2, Appli
5	1505.5	85.5	330	US-09-732-357B-13	Sequence 13, Appli
6	1093.5	62.1	299	US-09-311-021-202	Sequence 202, App
7	460.5	26.2	802	US-07-862-021B-12	Sequence 12, Appl
8	460.5	26.2	802	US-08-313-288B-12	Sequence 12, Appl
9	460.5	26.2	802	PCT-US93-03164-12	Sequence 12, Appl
10	458.5	26.1	392	US-08-799-173A-7	Sequence 7, Appli
11	458.5	26.1	392	US-09-170-042A-7	Sequence 7, Appli
12	458.5	26.1	807	US-07-862-021B-10	Sequence 10, Appl
13	458.5	26.1	807	US-08-313-288B-10	Sequence 10, Appl
14	458.5	26.1	807	US-09-132-769-5	Sequence 5, Appli
15	458.5	26.1	807	PCT-US93-03164-10	Sequence 10, Appl
16	456.5	25.9	787	US-09-825-294-207	Sequence 207, App
17	456.5	25.9	787	US-09-970-966-207	Sequence 207, App
18	456.5	25.9	807	US-09-132-769-1	Sequence 1, Appli
19	456.5	25.9	807	US-09-132-769-3	Sequence 3, Appli
20	456.5	25.9	807	US-09-640-173-186	Sequence 186, App
21	456.5	25.9	807	US-09-713-550-186	Sequence 186, App
22	456.5	25.9	807	US-09-825-294-186	Sequence 186, App
23	456.5	25.9	807	US-09-970-966-186	Sequence 186, App
24	440.5	25.0	819	US-09-270-767-42963	Sequence 42963, A
25	421.5	23.9	677	US-09-270-767-58094	Sequence 58094, A
26	421.5	23.9	847	US-09-270-767-42783	Sequence 42783, A
27	420.5	23.9	132	US-09-022-238-2	Sequence 2, Appli

28	330	18.8	568	1	US-07-862-021B-14	Sequence 14, Appl
29	330	18.8	568	5	PCT-US93-03164-14	Sequence 14, Appl
30	309	17.6	53	2	US-08-799-173A-18	Sequence 18, Appl
31	309	17.6	53	4	US-09-170-042A-19	Sequence 19, Appl
32	189	10.7	37	3	US-09-022-238-3	Sequence 3, Appli
33	181	10.3	37	3	US-09-371-696-3	Sequence 3, Appli
34	130.5	7.4	56	1	US-07-862-021B-19	Sequence 19, Appl
35	130.5	7.4	56	5	PCT-US93-03164-19	Sequence 19, Appl
36	128.5	7.3	50	2	US-08-799-173A-14	Sequence 14, Appl
37	128.5	7.3	50	4	US-09-170-042A-14	Sequence 14, Appl
38	121.5	6.9	52	2	US-08-799-173A-12	Sequence 12, Appl
39	121.5	6.9	52	4	US-09-170-042A-12	Sequence 12, Appl
40	116	6.6	23	4	US-09-732-357B-11	Sequence 11, Appl
41	109.5	6.2	149	4	US-09-270-767-32202	Sequence 32202, A
42	109.5	6.2	149	4	US-09-270-767-47419	Sequence 47419, A
43	108	6.1	19	4	US-09-732-357B-9	Sequence 9, Appli
44	103	5.9	229	4	US-09-894-912A-25	Sequence 25, Appl
45	102.5	5.8	1587	4	US-09-845-583A-10	Sequence 10, Appl

ALIGNMENTS

RESULT 1
US-09-732-357B-2
; Sequence 2, Application US/09732357B
; Patent No. 6682902
; GENERAL INFORMATION:
; APPLICANT: Harkins, Richard
; APPLICANT: Parkes, Deborah
; APPLICANT: Parry, Gordon
; APPLICANT: Schneider, Douglas
; APPLICANT: Steinbrecher, Kenate
; TITLE OF INVENTION: DNA Encoding a No. 6682902a1 RG-1 polypeptide
; FILE REFERENCE: 51791AUSM1
; CURRENT APPLICATION NUMBER: US/09/732,357B
; PRIOR FILING DATE: 2000-12-07
; PRIOR APPLICATION NUMBER: US 60/172,370
; PRIOR FILING DATE: 1999-12-16
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 331
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-732-357B-2

Query Match	99.1%	Score	1744;	DB	4;	Length	331;
Best Local Similarity	99.1%	Pred.	No. 3.5e-164;	Mismatches	2;	Indels	0;
Matches	328;	Conservative	1;				
QY	1	MENPSPAAALGKALCALLL	ATLGAAGQPLGGESICSARAPAKYSITFTGKWSQTAFPKQY	60			
Db	1	MENPSPAAALGKALCALLL	ATLGAAGQPLGGESICSAGAPAKYSITFTGKWSQTAFPKQY	60			
QY	61	PLFRPPAQWSSLLGAHSSDY	SMWRKQYVNSGLRDFAEERGEANALMKEIEAAGEALQSV	120			
Db	61	PLFRPPAQWSSLLGAHSSDY	SMWRKQYVNSGLRDFAEERGEANALMKEIEAAGEALQSV	120			
QY	121	HEVESAPVPSGTGOTSASLE	VQRHSLVSFVVRIVPSDFVGVDSLDLDCGDRWEQA	180			
Db	121	HAFFSAPVPSGTGOTSASLE	VQRHSLVSFVVRIVPSDFVGVDSLDLDCGDRWEQA	180			
QY	181	ALDLPYDAGTDSGFTFSSPN	FATIPQDTVTTEITSSSPSHPANSFYPRKALPIARVT	240			
Db	181	ALDLPYDAGTDSGFTFSSPN	FATIPQDTVTTEITSSSPSHPANSFYPRKALPIARVT	240			
QY	241	LRLRQSPRAFTPPAPVLP	PSRNEIVDSASVETPLDCVSLWSSWGLCGHCGRLGTSK	300			
Db	241	LRLRQSPRAFTPPAPVLP	PSRNEIVDSASVETPLDCVSLWSSWGLCGHCGRLGTSK	300			
QY	301	RTRYRVQANNNGSPCELE	EEAEVCVNDNCV	331			
Db	301	RTRYRVQANNNGSPCELE	EEAEVCVNDNCV	331			

301 RTRYVRVQPANNGSPCELEEEAECPDNCV 331

RESULT 2

```

US-08-799-173A-2
; Sequence 2, Application US/08799173A
; Patent No. 5871969
; GENERAL INFORMATION:
; APPLICANT: HASTINGS, GREGG.
; APPLICANT: PATRICK J. DILLON
; TITLE OF INVENTION: HUMAN NEURONAL ATTACHMENT FACTOR-1
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HUMAN GENOME SCIENCES, INC.
; STREET: 9410 KEY WEST AVENUE
; CITY: ROCKVILLE
; STATE: MD
; COUNTRY: USA
; ZIP: 20850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/799,173A
; FILING DATE: 11-FEB-1997
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: BROOKES, ANDERS A.
; REGISTRATION NUMBER: 36,373
; REFERENCE/DOCKET NUMBER: PF226
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (301) 309-8504
; TELEFAX: (301) 309-8512
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 331 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-799-173A-2

```

Query Match	98.9%	Score 1741; DB 2;	Length 331;
Best Local Similarity	99.1%	Pred. No. 6.9e-164;	
Matches 328; Conservative	1;	Mismatches 2;	Indels 0;
Gaps	0;		

Qy	1	MENSPAAALGKALCALLATLGAAGQPLGGESICSAAPAKYISITFTGKWSQTAPFKQY	60
Db	1		
Qy	61	MENSPAAALGKALCALLATLGAAGQPLGGESICSAALAKYISITFTGKWSQTAPFKQY	60
Db	61		
Qy	121	PLRPPPAQWSSILGNAHSSDYSMRKNQYVSNGLRDPFAERGEAWALMKEIEAAGEALQSV	120
Db	121		
Qy	121	PLRPPPAQWSSILGNAHSSDYSMRKNQYVSNGLRDPFAERGEAWALMKEIEAAGEALQSV	120
Db	121		
Qy	181	HEVPSAPAVPSGTGTSAAELVQRHSLVSFVVRIVPSPDMFVGVDSLDLDCGDWRREQA	180
Db	181		
Qy	181	HAFSAFAPVPSGTGTSAAELVQRHSLVSFVVRIVPSPDMFVGVDSLDLDCGDWRREQA	180
Db	181		
Qy	241	ALDIYPYDAGTDSGFTSSPNFNATIPQDVTVEITSSSPSHPANSPYPRLKALPIARVT	240
Db	241		
Qy	241	ALDIYPYDAGTDSGFTSSPNFNATIPQDVTVEITSSSPSHPANSPYPRLKALPIARVT	240
Db	241		
Qy	301	LLRLRQSPRAFIIPAPVLPISRDNEIVDSASVPETPLDCEVSLWSSWGLCGGHCGRIGTKS	300
Db	301		
Qy	301	LVRLRQSPRAFIIPAPVLPISRDNEIVDSASVPETPLDCEVSLWSSWGLCGGHCGRIGTKS	300
Db	301		
Qy	331	RTRVVRVQPNANGSPCPLEBEAECPDNCV	331
Db	331		
Qy	331	RTRVVRVQPNANGSPCPLEBEAECPDNCV	331
Db	331		

RESULT 3

Query Match 88.9%; Score 1564.5; DB 3; Length 330;
Best Local Similarity 88.2%; Pred. No. 2e-146;

```

US-09-170-042A-2
; Sequence 2, Application US/09170042A
; Patent No. 6759512
; GENERAL INFORMATION:
; APPLICANT: Hastings, Gregg
; APPLICANT: Dillon, Patrick
; TITLE OF INVENTION: Human Neuronal
; FILE REFERENCE: PF22601
; CURRENT APPLICATION NUMBER: US/09/1
; CURRENT FILING DATE: 1998-10-13
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 331
; TYPE: PRT
; ORGANISM: homo sapiens
US-09-170-042A-2

```

Query Match	98.9%; Score 1741; DB 4; Length 331;
Best Local Similarity	99.1%; Pred. No. 6.9e-164;
Matches 328; Conservative	1; Mismatches 2; Indels 0; Gaps 0;
Qy	1 MENPSPAALGKALCALLLATIAGAAGPLGESIC SARAPAKYSIITFGKWSQTAFPKQY 60
Db	1 MENPSPAALGKALCALLLATIAGAAGPLGESIC SARALAKYSITTFGKWSQTAFPKQY 60
Qy	61 PLFRPPAQWSSLLGAHSSDYSMWKRQYYVSNGLRDFAEERGEAWALMKEIEAAGEALQSV 120
Db	61 PLFRPPAQWSSLLGAHSSDYSMWKRQYYVSNGLRDFAEERGEAWALMKEIEAAGEALQSV 120
Qy	121 HEVFSAPAVSGTGQTSAAELVQRRLSHLSFVVRI VPSPDWFVGVDSLDLDCGRWRREQA 180
Db	121 HAVFSAPAVSGTGQTSAAELVQRRLSHLSFVVRI VPSPDWFVGVDSLDLDCGRWRREQA 180
Qy	181 ALDLYPVDACTDGSGFTSSSNEATIPDDTVETITSSSPHSFYPRLKALPIARVT 240
Db	181 ALDLYPVDACTDGSGFTSSSNEATIPDDTVETITSSSPHSFYPRLKALPIARVT 240
Qy	241 LLRLRQSPRAFI PPAPVLPSRDNEIVDSASVPETPLDCEVSLWSSWGLCGGHCGRLGTKS 300
Db	241 LVRLRQSPRAFI PPAPVLPSRDNEIVDSASVPETPLDCEVSLWSSWGLCGGHCGRLGTKS 300
Qy	301 RTRVVRQPANNGSPCPLEEEAACVPDNCV 331
Db	301 RTRVVRQPANNGSPCPLEEEAACVPDNCV 331

RESIT.T A

```

RESULI 4
US-09-371-696-2
; Sequence 2, Application US/09371696
; Patent No. 6287777
; GENERAL INFORMATION:
; APPLICANT: Sytkowski, Arthur J.
; APPLICANT: Yang, Meiheng
; TITLE OF INVENTION: NOVEL NPG-1 GENE THAT IS DIFFERENTIALLY EXPRESSED IN PROSTATE
; TITLE OF INVENTION: TUMORS
; FILE REFERENCE: 01948/053002
; CURRENT APPLICATION NUMBER: US/09/371,696
; CURRENT FILING DATE: 1999-08-10
; EARLIER APPLICATION NUMBER: US 09/022,238
; EARLIER FILING DATE: 1998-02-11
; EARLIER APPLICATION NUMBER: US 08/644,326
; EARLIER FILING DATE: 1996-05-10
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: Fast-SEQ for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 330
; TYPE: prt
; ORGANISM: Homo sapiens
US-09-371-696-2

```

Matches 299; Conservative 6; Mismatches 17; Indels 17; Gaps 2;

QY 1 MENPSPAALGKALCALLIATGAACPLGGESICSAAPAKYISITFTGKWSQTAPPKQY 60
DB 1 MENPSPAALGKALCALLIATGAACPLGGESICSAAPAKYISITFTGKWSQTAPPKQY 60

QY 61 PLFRPPAOWSSLLGAHSSDYSMWRKNQVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120
DB 61 PLFRPPAOWSSLLGAHSSDYSMWRKNQVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 120

QY 121 HEVFSAPVPSGTGTSABELEVORRHSLVSFVRIIVPSDFVGVDSLDLDCGDRWREQA 180
DB 121 HEVFSAPVPSGTGTSABELEVORRHSLVSFVRIIVPSDFVGVDSLDLDCGDRWREQA 180

QY 181 ALDLYPDAGTDSGTFSSPNFATIPQDTVTETITSSPSHPANSFYPRLKALPPIARTV 240
DB 181 ALDLYPDAGTDSGTFSSPNFATIPQDTVTETITSSPSHPANSFYPRLKALPPIARTV 240

QY 241 LLRLRO-----SPRAFPAPVLPSPRNEIVDSASVPETPLDCEVSLWSSWGLCGGH 292
DB 241 LLRLRO-----SPRAFPAPVLPSPRNEIVDSASVPETPLDCEVSLWSSWGLCGGH 292

QY 293 CGRLGTSKTRVYRVOPANNNGSPCELEBEAECPDNCV 331
DB 293 CGRLGTSKTRVYRVOPANNNGSPCELEBEAECPDNCV 331

QY 299 CGRLGTSKTRVYRVOPANNNGSPCELEBEAECPDNCV 330
DB 299 CGRLGTSKTRVYRVOPANNNGSPCELEBEAECPDNCV 330

RESULT 5
US-09-732-357B-13
; Sequence 13, Application US/09732357B
; Patent No. 6682902
; GENERAL INFORMATION:
; APPLICANT: Harkins, Richard
; APPLICANT: Parkes, Deborah
; APPLICANT: Parry, Gordon
; APPLICANT: Schneider, Douglas
; APPLICANT: Steinbrecher, Renate
; TITLE OF INVENTION: DNA Encoding a No. 6682902a1 RG-1 Polypeptide
; FILE REFERENCE: 51791AUSM1
; CURRENT APPLICATION NUMBER: US/09/732,357B
; CURRENT FILING DATE: 2000-12-07
; PRIOR APPLICATION NUMBER: US 60/172,370
; PRIOR FILING DATE: 1999-12-16
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 13
; LENGTH: 330
; TYPE: PRT
; ORGANISM: Rattus norvegicus
US-09-732-357B-13

Query Match 85.5%; Score 1505.5; DB 4; Length 330;
Best Local Similarity 85.5%; Pred. No. 1.4e-140;
Matches 284; Conservative 18; Mismatches 27; Indels 3; Gaps 2;

QY 1 MENPSPAALGKALCALLIATGA-AGQPLGGESICSAAPAKYISITFTGKWSQTAPPKQY 59
DB 1 MENVS--FSLDRLTWELLAMLGSTAGQPLGGESVCTARPLARYSITFTGKWSQTAPPKQY 58

QY 60 YPLFRPPAOWSSLLGAHSSDYSMWRKNQVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 119
DB 59 YPLFRPPAOWSSLLGAHSSDYSMWRKNQVNSGLRDFAEERGEAWALMKEIEAAGEALQSV 118

QY 120 VHEVFSAPVPSGTGTSABELEVORRHSLVSFVRIIVPSDFVGVDSLDLDCGDRWREQ 179
DB 119 VHAVFSAPVPSGTGTSABELEVORRHSLVSFVRIIVPSDFVGVDSLDLDCGDRWREQ 178

QY 180 AALDLYPDAGTDSGTFSSPNFATIPQDTVTETITSSPSHPANSFYPRLKALPPIARTV 239
DB 179 VVLDLYPHDAGTDSGTFSSPNFATIPQDTVTETITASSPSHPANSFYPRLKSLPPIAKV 238

QY 240 TLLRLRQSPRAFPAPVLPSPRNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTYK 299
DB 240 TLLRLRQSPRAFPAPVLPSPRNEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTYK 299

Matches 299; Conservative 6; Mismatches 17; Indels 17; Gaps 2;

QY 299 SRTYRVVQPANNGTGPCPELEBEAECPDNCV 330
DB 299 SRTYRVVQPANNGTGPCPELEBEAECPDNCV 330

RESULT 6
US-09-311-021-202
; Sequence 202, Application US/09311021
; Patent No. 6706869
; GENERAL INFORMATION:
; APPLICANT: Wong, Gordon G.
; APPLICANT: Clark, Hilary
; APPLICANT: Fechtel, Kim
; APPLICANT: Agostino, Michael J., Inc.
; TITLE OF INVENTION: SECRETED PROTEINS AND POLYNUCLEOTIDES ENCODING THEM
; FILE REFERENCE: GI 6300-11A
; CURRENT APPLICATION NUMBER: US/09/311,021
; CURRENT FILING DATE: 1999-05-13
; NUMBER OF SEQ ID NOS: 268
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 202
; LENGTH: 299
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-311-021-202

Query Match 62.1%; Score 1093.5; DB 4; Length 299;
Best Local Similarity 89.5%; Pred. No. 7.4e-100;
Matches 212; Conservative 6; Mismatches 16; Indels 3; Gaps 2;

QY 83 MWRKQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSVHVEFSAPVPSGTGTSAELEV 142
DB 1 MWRKQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSVHVEFSAPVPSGTGTSAELEV 60

QY 143 QRRHSLVSFVRIIVPSDFVGVDSLDLDCGDRWREQAALDLYPDAGTDSGTFSSPNF 202
DB 61 QRRHSLVSFVRIIVPSDFVGVDSLDLDCGDRWREQAALDLYPDAGTDSGTFSSPNF 120

QY 203 ATIPQDTVTETITSSPSHPANSFYPRLKALPPIARTVLLRLRQSPRAFPAPVLPSPRD 262
DB 121 ATIPQDTVTETITSSPSHPANSFYPRLKALPPIARTVLLRLRQSPRAFPAPVLPSPRD 180

QY 263 NEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTSKTRVYRVQPA--NNGSPCP 317
DB 181 NEIVDSASVPETPLDCEVSLWSSWGLCGHCGRLGTSKTRVYRVQPA--NNGSPCP 236

RESULT 7
US-07-862-021B-12
; Sequence 12, Application US/07862021B
; Patent No. 5279966
; GENERAL INFORMATION:
; APPLICANT: Jessell, Thomas M
; APPLICANT: Klar, Avihu
; TITLE OF INVENTION: CLONING, EXPRESSION AND USES OF A
; TITLE OF INVENTION: NOVEL SECRETED PROTEIN, F-SPONDIN
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESS: 30 Rockefeller Plaza
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10112
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:

```
/ APPLICATION NUMBER: US/07/862,021B
/ FILING DATE: 19920405
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: White, John P
/ REGISTRATION NUMBER: 28,678
/ REFERENCE/DOCKET NUMBER: 40028
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (212) 977-9550
/ TELEFAX: (212) 664-0525
/ TELEX: 422523 COOP UI
/ INFORMATION FOR SEQ ID NO: 12:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 802 amino acids
/ TYPE: AMINO ACID
/ TOPOLOGY: linear
/ MOLECULE TYPE: protein
/ US-07-862-021B-12

Query Match      26.2%; Score 460.5; DB 1; Length 802;
Best Local Similarity 32.1%; Pred. No. 1.4e-36;
Matches 109; Conservative 53; Mismatches 139; Indels 39; Gaps 10;

QY 9 ALGKALCALLATLGAAGPLGSGESICARAPAKYSITFTGKWSQTAFPKQYPLFRPPAQ 68
Db 171 SLTKRICEQDSASEGVTDKP---TLDCCACGTAKYRLTFYGNWSEKTHPKDFP--RRTNH 225
QY 69 WSSLGAHSSDYSWMRNQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV----- 120
Db 226 WSAIISSHSKNYILWEYGYASGVKQVAELGSPVKMEEIRQOSDEVLTVIKAKAQP 285
QY 121 -HEVFSAPAVPGTGTQTSAELEVRHSLVSFVIRVPSDFWGVDSLDLDCGD--RWRE 178
Db 286 AQPLNVRAAP-----SAEFSVDRHRLMSFLTMLGPSDNVGLSAEDLCTKDCGWQ 339
QY 179 QAALDLYPDAGTDSGFTFSSNFATIPQDVTTEITSSPSHPANSFYYPRLKALPPIAR 238
Db 340 KVQDILIPWDAGTDSGVTVYESPNKPTVQEKIRPLTSL--DHPQSPFYDPEGGSIKLVAR 397
QY 239 VTLLRLRQSPRA--FIPP-----APVLPSRNEIVDSASVPETPLDCRVSLSWSSWGLCG 290
Db 398 VVLERIARKEGQCNFVDPNIDIVADLAPEEKEE-----DDTPTCIYSNWSWPSACS 450
QY 291 GHCGRGLTKSRTYRVYVQPNANGSPCELEEEAEACVPDNC 330
Db 451 SSTCEKGRMRQRMMLKAQ--LDLSVPCPDQDFQPCMGPGC 489

RESULT 8
US-08-313-288B-12
/ Sequence 12, Application US/08313288B
/ Patent No. 5750502
/ GENERAL INFORMATION:
/ APPLICANT: Jessell, Thomas M. and Avi Hu Klar
/ TITLE OF INVENTION: CLONING, EXPRESSION AND USES OF A
/ TITLE OF INVENTION: NOVEL SECRETED PROTEIN, F-SPONDIN
/ NUMBER OF SEQUENCES: 20
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Cooper & Dunham LLP
/ STREET: 1185 Avenue of the Americas
/ CITY: New York
/ STATE: New York
/ COUNTRY: USA
/ ZIP: 10036
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/313,288B
/ FILING DATE: January 5, 1995
/ CLASSIFICATION: 435

/ APPLICATION NUMBER: US/07/862,021B
/ FILING DATE: 19920405
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: White, John P
/ REGISTRATION NUMBER: 28,678
/ REFERENCE/DOCKET NUMBER: 40028
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (212) 977-9550
/ TELEFAX: (212) 664-0525
/ TELEX: 422523 COOP UI
/ INFORMATION FOR SEQ ID NO: 12:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 802 amino acids
/ TYPE: AMINO ACID
/ TOPOLOGY: linear
/ MOLECULE TYPE: protein
/ US-07-862-021B-12

Query Match      26.2%; Score 460.5; DB 1; Length 802;
Best Local Similarity 32.1%; Pred. No. 1.4e-36;
Matches 109; Conservative 53; Mismatches 139; Indels 39; Gaps 10;

QY 9 ALGKALCALLATLGAAGPLGSGESICARAPAKYSITFTGKWSQTAFPKQYPLFRPPAQ 68
Db 171 SLTKRICEQDSASEGVTDKP---TLDCCACGTAKYRLTFYGNWSEKTHPKDFP--RRTNH 225
QY 69 WSSLGAHSSDYSWMRNQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSV----- 120
Db 226 WSAIISSHSKNYILWEYGYASGVKQVAELGSPVKMEEIRQOSDEVLTVIKAKAQP 285
QY 121 -HEVFSAPAVPGTGTQTSAELEVRHSLVSFVIRVPSDFWGVDSLDLDCGD--RWRE 178
Db 286 AQPLNVRAAP-----SAEFSVDRHRLMSFLTMLGPSDNVGLSAEDLCTKDCGWQ 339
QY 179 QAALDLYPDAGTDSGFTFSSNFATIPQDVTTEITSSPSHPANSFYYPRLKALPPIAR 238
Db 340 KVQDILIPWDAGTDSGVTVYESPNKPTVQEKIRPLTSL--DHPQSPFYDPEGGSIKLVAR 397
QY 239 VTLLRLRQSPRA--FIPP-----APVLPSRNEIVDSASVPETPLDCRVSLSWSSWGLCG 290
Db 398 VVLERIARKEGQCNFVDPNIDIVADLAPEEKEE-----DDTPTCIYSNWSWPSACS 450
QY 291 GHCGRGLTKSRTYRVYVQPNANGSPCELEEEAEACVPDNC 330
Db 451 SSTCEKGRMRQRMMLKAQ--LDLSVPCPDQDFQPCMGPGC 489

RESULT 9
PCT-US93-03164-12
/ Sequence 12, Application PC/TUS9303164
/ GENERAL INFORMATION:
/ APPLICANT: Jessell, Thomas M
/ APPLICANT: Klar, Avi Hu
/ TITLE OF INVENTION: CLONING, EXPRESSION AND USES OF A
/ TITLE OF INVENTION: NOVEL SECRETED PROTEIN, F-SPONDIN
/ NUMBER OF SEQUENCES: 20
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Cooper & Dunham
/ STREET: 30 Rockefeller Plaza
/ CITY: New York
/ STATE: New York
/ COUNTRY: USA
/ ZIP: 10112
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: PCT/US93/03164
/ FILING DATE: 19930402
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER:
/ FILING DATE:
```

```
ATTORNEY/AGENT INFORMATION:
NAME: White, John P
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 40028
TELEPHONE: (212) 977-9550
TELEFAX: (212) 664-0525
TELEX: 422523 COOP UI
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 802 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
MOLECULE TYPE: protein
PCT-US93-03164-12

Query Match      26.2%; Score 460.5; DB 5; Length 802;
Best Local Similarity 32.1%; Pred. No. 1.4e-36;
Matches 109; Conservative 53; Mismatches 139; Indels 39; Gaps 10;

QY 9 ALGKALCALLATLGAAGQPLGESICSARAPAKYSITFTGKWSQTAFPKQYPLFRPPAQ 68
Db 171 SLTKRICEQDSASGVTDKP---LDCACGCTAKYRLTFYGNWSEKTHPKDYP--RRTNH 225
QY 69 WSSLGAHSSDYSMWRKNQYVNSGLRDPFAERGEAWALMKEIEAAGEALQSVE----- 120
Db 226 WSAIIGSSHSKNYLVWEYGGYASEGVKQVAELGSPVKMEEIRQQSDEVLTVIKAKAQP 285
QY 121 -HEVSAPAVPSGTGTSAELEVRHSLVSFVVRIVPSPDMFVGVDSLDLDCGD-RMRE 178
Db 286 ANQPLNVRAAP-----SAEFSVDRHRLMSFLTMLGSPDMNVGLSAEDLCTKCGWVQ 339
QY 179 QAALDLYPDAGTDSGFTSSPNFATIPQDVTTEITSSSPSPHANSFYYPRLKALPP 238
Db 340 KVVQDLIPWDAGTDSGVYESPNKPTIPQEKIRPLTSL--DHPQSPFYDEGGSIQ 397
QY 239 VTLLRLRQSPRA--FTPP-----APVLPDRNEIVDSASVETPLDCEVLSWSSWGL 290
Db 398 VVLERIARKEQCNQFVNDIDIVADLAPEKEE-----DDTPETCIYSNWSMWSACS 450
QY 291 GHCGRLGKTRTRYVRVQPNANGSPCELEEEAEACVDPNC 330
Db 451 SSTCEKGRMRQMLKAQ-LDLSVPCPDQDFQPCMGPGC 489

RESULT 10
US-08-799-173A-7
Sequence 7, Application US/08799173A
Patent No. 5871969
GENERAL INFORMATION:
APPLICANT: HASTINGS, GREGG,
APPLICANT: PATRICK J. DILLON
TITLE OF INVENTION: HUMAN NEURONAL ATTACHMENT FACTOR-1
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: HUMAN GENOME SCIENCES, INC.
STREET: 9410 KEY WEST AVENUE
CITY: ROCKVILLE
STATE: MD
COUNTRY: USA
ZIP: 20850
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/799,173A
FILING DATE: 11-FEB-1997
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: BROOKES, ANDERS A.
REGISTRATION NUMBER: 36,373

ATTORNEY/AGENT INFORMATION:
NAME: White, John P
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 40028
TELEPHONE: (212) 977-9550
TELEFAX: (212) 664-0525
TELEX: 422523 COOP UI
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 392 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-799-173A-7

Query Match      26.1%; Score 458.5; DB 2; Length 392;
Best Local Similarity 33.3%; Pred. No. 8e-37;
Matches 114; Conservative 51; Mismatches 134; Indels 43; Gaps 11;

QY 9 ALGKALCALLATLGAAGQPLGESICSARAPAKYSITFTGKWSQTAFPKQYPLFRPPAQ 68
Db 26 SLTKKLCQDPTLDGVTDPRPI---LDCCACGCTAKYRLTFYGNWSEKTHPKDYP--RRANH 80
QY 69 WSSLGAHSSDYSMWRKNQYVNSGLRDPFAERGEAWALMKEIEAAGEALQSVE----- 122
Db 81 WSAIIGSSHSKNYLVWEYGGYASEGVKQVAELGSPVKMEEIRQQSDEVLTVIKAKAQP 140
QY 123 -----VFSAPAVPSGTGTSAELEVRHSLVSFVVRIVPSPDMFVGVDSLDLDCGD-R 175
Db 141 SWQPNVRAAP-----SAEFSVDRTRHLSFLTMGSPDMNVGLSAEDLCTKECG 191
QY 176 WREQAALDLYPDAGTDSGFTSSPNFATIPQDVTTEITSSSPSPHANSFYYPRLKALPP 235
Db 192 WYQKVQDLIPWDAGTDSGVYESPNKPTIPQEKIRPLTSL--DHPQSPFYDEGGSIQ 249
QY 236 IARVTLRL-RQSPRAFIPAPVLPVSRDNEIVDSASVPE-----TPLDCEVLSWSSWGL 288
Db 250 VARVIERIARKEQCNQFVNDV---DDIVADLA--PEEKDEDDTPETCIYSNWSMWSA 303
QY 289 CGHCGRLGKTRTRYVRVQPNANGSPCELEEEAEACVDPNC 330
Db 304 CSSTCEKGRMRQMLKAQ-LDLSVPCPDQDFQPCMGPGC 344

RESULT 11
US-09-170-042A-7
Sequence 7, Application US/09170042A
Patent No. 6759512
GENERAL INFORMATION:
APPLICANT: Hastings, Gregg
APPLICANT: Dillon, Patrick
TITLE OF INVENTION: Human Neuronal Attachment Factor-1
FILE REFERENCE: PF226D1
CURRENT APPLICATION NUMBER: US/09/170,042A
CURRENT FILING DATE: 1998-10-13
NUMBER OF SEQ ID NOS: 19
SOFTWARE: PatentIn version 3.0
SEQ ID NO 7
LENGTH: 392
TYPE: PRT
ORGANISM: rat
US-09-170-042A-7

Query Match      26.1%; Score 458.5; DB 4; Length 392;
Best Local Similarity 33.3%; Pred. No. 8e-37;
Matches 114; Conservative 51; Mismatches 134; Indels 43; Gaps 11;

QY 9 ALGKALCALLATLGAAGQPLGESICSARAPAKYSITFTGKWSQTAFPKQYPLFRPPAQ 68
Db 26 SLTKKLCQDPTLDGVTDPRPI---LDCCACGCTAKYRLTFYGNWSEKTHPKDYP--RRANH 80
QY 69 WSSLGAHSSDYSMWRKNQYVNSGLRDPFAERGEAWALMKEIEAAGEALQSVE----- 122
Db 81 WSAIIGSSHSKNYLVWEYGGYASEGVKQVAELGSPVKMEEIRQQSDEVLTVIKAKAQP 140
```

QY 123 -----VFSAPAVPGTGTGTSAELEVVORRHSLVSFVVRIVPSPDMFVGVDSLDLDCGD-R 175
Db 141 SMOQPVNVRAP-----SAEFSVDRTRHLSFLTMWGPSPDMNVGLSADLCTKECG 191
QY 176 WREQAALDLYPYDAGTDSGTFSSPNFATIPDVTTEITSSSPSHPANSFYFPRLKALPP 235
Db 192 WVKVQVQDLPWDAGTDSGVTVESPNKPTIPEKIRPLTSL--DHQSPFYDPEGGSITQ 249
QY 236 IARVTLRL-ROSPRAFIAPPVLPSPDRNEIVDSASVPE-----TPLDCEVSLSSWGL 288
Db 250 VARVVIERTARKEQCNIVPDNV---DDIVADLA--PEEKEDDTPTETCIYNNSPMSA 303
QY 289 CGHCHGRLTGKTRVVRVQPNANNGSPCEPELEEEAEVCVDNC 330
Db 304 CSSSTCEKGRMRQMLKAQ-LDLSVPCPDQDFQPCMGPGC 344

RESULT 12

US-07-862-021B-10
; Sequence 10, Application US/07862021B
; Patent No. 5279966

GENERAL INFORMATION:
APPLICANT: Jessell, Thomas M

APPLICANT: Klar, Avihu
TITLE OF INVENTION: CLONING, EXPRESSION AND USES OF A

TITLE OF INVENTION: NOVEL SECRETED PROTEIN, F-SPONDIN
NUMBER OF SEQUENCES: 20

CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham

STREET: 30 Rockefeller Plaza
CITY: New York

STATE: New York
COUNTRY: USA

ZIP: 10112
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/862, 021B

FILING DATE: 19920405
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
NAME: White, John P

REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 40028

TELEPHONE: (212) 977-9550
TELEFAX: (212) 664-0525

TELEX: 422523 COOP UI
INFORMATION FOR SEQ ID NO: 10:

SEQUENCE CHARACTERISTICS:
LENGTH: 807 amino acids

TYPE: AMINO ACID
TOPOLOGY: linear

MOLECULE TYPE: protein
US-07-862-021B-10

Query Match 26.1%; Score 458.5; DB 1; Length 807;
Best Local Similarity 33.3%; Pred. No. 2.3e-36;

Matches 114; Conservative 51; Mismatches 134; Indels 43; Gaps 11;

QY 9 ALGKALCALLATLGAAGQPLGSGESICSAAPAKYSITFTGKWSOTAFPKQYPLFRPPAQ 68
Db 176 SUTKLCEQDPTLDGVTDRPI---LDCCACGCTAKYRLTFYGNWSEKTHPKDYP--RRANH 230

QY 69 WSSLGAHSSDYSMWRKQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSVEH-----122
Db 231 WSAIIGGSHSKNYLWEYGVASEGVKQVAELGSPVKMEIEIRQOSDEVLTIVIKAKAQP 290

QY 123 -----VFSAPAVPGTGTGTSAELEVVORRHSLVSFVVRIVPSPDMFVGVDSLDLDCGD-R 175
Db 141 SMOQPVNVRAP-----SAEFSVDRTRHLSFLTMWGPSPDMNVGLSADLCTKECG 191

Db 291 SMOQPVNVRAP-----SAEFSVDRTRHLSFLTMWGPSPDMNVGLSADLCTKECG 341
QY 176 WREQAALDLYPYDAGTDSGTFSSPNFATIPDVTTEITSSSPSHPANSFYFPRLKALPP 235
Db 342 WVKVQVQDLPWDAGTDSGVTVESPNKPTIPEKIRPLTSL--DHQSPFYDPEGGSITQ 399
QY 236 IARVTLRL-ROSPRAFIAPPVLPSPDRNEIVDSASVPE-----TPLDCEVSLSSWGL 288
Db 400 VARVVIERTARKEQCNIVPDNV---DDIVADLA--PEEKEDDTPTETCIYNNSPMSA 453
QY 289 CGHCHGRLTGKTRVVRVQPNANNGSPCEPELEEEAEVCVDNC 330
Db 454 CSSSTCEKGRMRQMLKAQ-LDLSVPCPDQDFQPCMGPGC 494

RESULT 13

US-08-313-288B-10
; Sequence 10, Application US/08313288B
; Patent No. 5750502

GENERAL INFORMATION:
APPLICANT: Jessell, Thomas M. and Avihu Klar

TITLE OF INVENTION: CLONING, EXPRESSION AND USES OF A
TITLE OF INVENTION: NOVEL SECRETED PROTEIN, F-SPONDIN

NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:

ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas

CITY: New York
STATE: New York

COUNTRY: USA
ZIP: 10036

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/313,288B
FILING DATE: January 5, 1995

CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:

NAME: White, John P.
REGISTRATION NUMBER: 28,678

REFERENCE/DOCKET NUMBER: 40028-A-PCT-US
TELEPHONE: (212) 278-0400

TELEFAX: (212) 391-0526
TELEX:

INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:

LENGTH: 807 amino acids
TYPE: amino acid

TOPOLOGY: linear
MOLECULE TYPE: protein

US-08-313-288B-10

Query Match 26.1%; Score 458.5; DB 1; Length 807;
Best Local Similarity 33.3%; Pred. No. 2.3e-36;

Matches 114; Conservative 51; Mismatches 134; Indels 43; Gaps 11;

QY 9 ALGKALCALLATLGAAGQPLGSGESICSAAPAKYSITFTGKWSOTAFPKQYPLFRPPAQ 68
Db 176 SUTKLCEQDPTLDGVTDRPI---LDCCACGCTAKYRLTFYGNWSEKTHPKDYP--RRANH 230

QY 69 WSSLGAHSSDYSMWRKQYVNSGLRDFAEERGEAWALMKEIEAAGEALQSVEH-----122
Db 231 WSAIIGGSHSKNYLWEYGVASEGVKQVAELGSPVKMEIEIRQOSDEVLTIVIKAKAQP 290

QY 123 -----VFSAPAVPGTGTGTSAELEVVORRHSLVSFVVRIVPSPDMFVGVDSLDLDCGD-R 175
Db 291 SMOQPVNVRAP-----SAEFSVDRTRHLSFLTMWGPSPDMNVGLSADLCTKECG 341

QY 176 WREQAALDLYPYDAGTDSGTFSSPNFATIPDVTTEITSSSPSHPANSFYFPRLKALPP 235

Db 342 WQKVVQDLPWDAGTDSGVTYESPNKPTIPEKIRPLTSL--DHPQSFYDPEGGSITQ 399
QY 236 IARVTLRL--RSPRAFIAPPVLPSPRDNIEVDSASVPE-----TPLDCEVSLWSSWGL 288
Db 400 VARVVIETARKGEQCNIVPDNV---DDIVADLA--PEEKEDDDTPTETCIYSNWSWPSA 453
QY 289 CGHCGRLGKTRTRVVRVQPNANGSPCPPELEEEAECPDNC 330
Db 454 CSSSTCEKGRMRQRLKAQ-LDLSVPCPDPTQDFQCMGPGC 494

RESULT 14

US-09-132-769-5

; Sequence 5, Application US/09132769A
; Patent No. 6525023
; GENERAL INFORMATION:
; APPLICANT: Motoo Yamasaki
; APPLICANT: Kenji Shibata
; APPLICANT: No. 6525023uo Hanai
; APPLICANT: Akiko Furiya
; APPLICANT: Kaoru Miyamoto
; TITLE OF INVENTION: NOVEL VASCULAR SMOOTH MUSCLE CELL GROWTH FACTOR
; FILE REFERENCE: 11078
; CURRENT APPLICATION NUMBER: US/09/132,769A
; EARLIER FILING DATE: 1998-08-12
; EARLIER APPLICATION NUMBER: H819-218491
; EARLIER FILING DATE: 1997-08-13
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 807
; TYPE: PRT
; ORGANISM: RAT
US-09-132-769-5

Query Match 26.1%; Score 458.5; DB 4; Length 807;
Best Local Similarity 33.3%; Pred. No. 2.3e-36;
Matches 114; Conservative 51; Mismatches 134; Indels 43; Gaps 11;
QY 9 ALGKALCALLATLGAAGOPLAGESICSAAPAKYSITFTGKWSQTAFPKQYPLFRPPAQ 68
Db 176 SLTKKLCEQDPTLDGVTDRPI---LDCCACGTAKYRLTFYGNWSEKTHPKDYP--RRANH 230
QY 69 WSSLGAHSDYSWMRKQNYVNSGLRDPFAERGEAWALMKEIAEAGALQSVE----- 122
Db 231 WSAIIGGSHSKNYLWEYGVASEGVKQVAELGSPVKMBEIRQQSDEVLTVIKAKAQP 290
QY 123 -----VFSAPAVPGTGTGSAELVQRHSLVSVFVIRVPSDPDFVGDSDLDCGD-R 175
Db 291 SWQPVNVRAP-----SAEFSVDRTRHLSFLTMNGPSPDMNVGLSAEDLCTKEG 341
QY 176 WREQAALDLYPYDAGTDSGTFSSPNFATIPDQTVTEITSSSPSPHANSFYYPRLKALPP 235
Db 342 WQKVVQDLPWDAGTDSGVTYESPNKPTIPEKIRPLTSL--DHPQSFYDPEGGSITQ 399
QY 236 IARVTLRL--RSPRAFIAPPVLPSPRDNIEVDSASVPE-----TPLDCEVSLWSSWGL 288
Db 400 VARVVIETARKGEQCNIVPDNV---DDIVADLA--PEEKEDDDTPTETCIYSNWSWPSA 453
QY 289 CGHCGRLGKTRTRVVRVQPNANGSPCPPELEEEAECPDNC 330
Db 454 CSSSTCEKGRMRQRLKAQ-LDLSVPCPDPTQDFQCMGPGC 494

RESULT 15

PCT-US93-03164-10

; Sequence 10, Application PC/TUS9303164
; GENERAL INFORMATION:
; APPLICANT: Jessell, Thomas M
; APPLICANT: Klar, Avihu
; TITLE OF INVENTION: CLONING, EXPRESSION AND USES OF A
; TITLE OF INVENTION: NOVEL SECRETED PROTEIN, F-SPONDIN

; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham
; STREET: 30 Rockefeller Plaza
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10112
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/03164
; FILING DATE: 19930402
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 40028
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 977-9550
; TELEFAX: (212) 664-0525
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 807 amino acids
; TYPE: AMINO ACID
; TOPOLOGY: linear
; MOLECULE TYPE: protein
PCT-US93-03164-10

Query Match 26.1%; Score 458.5; DB 5; Length 807;
Best Local Similarity 33.3%; Pred. No. 2.3e-36;
Matches 114; Conservative 51; Mismatches 134; Indels 43; Gaps 11;
QY 9 ALGKALCALLATLGAAGOPLAGESICSAAPAKYSITFTGKWSQTAFPKQYPLFRPPAQ 68
Db 176 SLTKKLCEQDPTLDGVTDRPI---LDCCACGTAKYRLTFYGNWSEKTHPKDYP--RRANH 230
QY 69 WSSLGAHSDYSWMRKQNYVNSGLRDPFAERGEAWALMKEIAEAGALQSVE----- 122
Db 231 WSAIIGGSHSKNYLWEYGVASEGVKQVAELGSPVKMBEIRQQSDEVLTVIKAKAQP 290
QY 123 -----VFSAPAVPGTGTGSAELVQRHSLVSVFVIRVPSDPDFVGDSDLDCGD-R 175
Db 291 SWQPVNVRAP-----SAEFSVDRTRHLSFLTMNGPSPDMNVGLSAEDLCTKEG 341
QY 176 WREQAALDLYPYDAGTDSGTFSSPNFATIPDQTVTEITSSSPSPHANSFYYPRLKALPP 235
Db 342 WQKVVQDLPWDAGTDSGVTYESPNKPTIPEKIRPLTSL--DHPQSFYDPEGGSITQ 399
QY 236 IARVTLRL--RSPRAFIAPPVLPSPRDNIEVDSASVPE-----TPLDCEVSLWSSWGL 288
Db 400 VARVVIETARKGEQCNIVPDNV---DDIVADLA--PEEKEDDDTPTETCIYSNWSWPSA 453
QY 289 CGHCGRLGKTRTRVVRVQPNANGSPCPPELEEEAECPDNC 330
Db 454 CSSSTCEKGRMRQRLKAQ-LDLSVPCPDPTQDFQCMGPGC 494

Search completed: June 6, 2005, 11:34:59
Job time : 30 secs

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This Page Blank (uspto)

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: June 6, 2005, 11:34:21 ; Search time 27 Seconds
(without alignments)
1179.546 Million cell updates/sec

Title: US-09-938-418-8
Perfect score: 1760
Sequence: 1 MENPSPAAALGKALCALLA.....NGSPCELEEEACVPCDNCV 331

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 283416 seqs, 96216763 residues
Total number of hits satisfying chosen parameters: 283416

Minimum DB seq length: 0
Maximum DB seq length: 2000000000
Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : PIR 79:.*
1: pir1:.*
2: pir2:.*
3: pir3:.*
4: pir4:.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	458.5	26.1	807	2 A38152	F-spondin - rat
2	447.5	25.4	803	2 A47723	F-spondin precursor
3	403	22.9	805	2 T34212	hypothetical prote
4	120.5	6.8	741	2 I48694	probable transcrip
5	117.5	6.7	770	2 D89447	protein F57C12.1
6	114	6.5	772	2 A55004	transcription fact
7	108	6.1	123	2 S49108	TRAP-C2 protein -
8	103.5	5.9	440	2 T24232	hypothetical prote
9	102.5	5.8	808	2 T10171	phospholipase D (E
10	101	5.7	742	2 A49672	transcription fact
11	100.5	5.7	812	2 T03659	phospholipase D (E
12	100	5.7	1251	2 A57293	latent transformin
13	99.5	5.7	590	2 T46687	complement compone
14	99.5	5.7	812	2 T03402	probable phospholi
15	99.5	5.7	2957	2 T33152	hypothetical prote
16	99	5.6	483	1 VCBP13	minor coat protein
17	98	5.6	1584	2 T00026	brain-specific ang
18	97.5	5.5	810	2 D95566	hypothetical prote
19	97	5.5	534	2 T41081	hypothetical prote
20	97	5.5	1306	2 S25370	MSB2 protein - yea
21	97	5.5	1360	2 T33922	hypothetical prote
22	96.5	5.5	724	2 A48569	antigen Em100 - Ei
23	96	5.5	591	1 C8HUB	complement C8 beta
24	94.5	5.4	712	2 A45638	immunodominant mic
25	94.5	5.4	808	2 T04092	phospholipase D (E
26	93.5	5.3	598	2 A57249	beta-galactosidase
27	93.5	5.3	1572	2 T00027	brain-specific ang
28	92	5.2	809	2 T16905	phospholipase D (E
29	92	5.2	903	2 T00705	N-chimerin homolog

30 91.5 5.2 424 2 C70651 hypothetical prote
31 91 5.2 152 2 D89753 protein FLIC7.2 [i
32 90.5 5.1 1444 2 T18856 angiogenesis inhib
33 90 5.1 282 2 T17219 hypothetical prote
34 90 5.1 497 2 T41015 proline rich prote
35 90 5.1 1070 2 S75712 cellulase [EC 3.2.
36 89.5 5.1 919 2 T32541 unc-5 protein - Ca
37 89.5 5.1 947 1 B44294 unc-5 protein, lon
38 89 5.1 697 2 T03834 nuclear distributi
39 89 5.1 1007 2 T01437 hypothetical prote
40 89 5.1 1184 2 T09484 cartilage intermed
41 89 5.1 1666 2 T43169 hypothetical prote
42 88.5 5.0 2265 1 FNBO fibronectin - bovi
43 88 5.0 339 2 JC7509 glycoprotein VI-1
44 88 5.0 416 2 D75531 folyl-polyglutamat
45 88 5.0 612 2 T36210 conserved hypothet

ALIGNMENTS

RESULT 1

A38152
F-spondin - rat
C:Species: Rattus norvegicus (Norway rat)
C:Date: 04-Mar-1993 #sequence_revision 18-Nov-1994 #text_change 09-Jul-2004
C:Accession: A38152
R:Klar, A.; Baldassare, M.; Jessell, T.M.
Cell 69, 95-110, 1992
A:Title: F-spondin: a gene expressed at high levels in the floor plate encodes a secretor
A:Reference number: A38152, MUID:92208952, PMID:1555244
A:Accession: A38152
A>Status: preliminary
A:Molecule type: mRNA
A:Residues: 1-807 <KIA>
A:Cross-references: UNIPROT:P35446; GB:M88469; NID:G204176; PIDN:AAA41174.1; PID:G204177
A:Experimental source: embryo floor plate
A:Sequence extracted from NCBI backbone (NCBIN:90877, NCBIP:90878)
C:Superfamily: F-spondin; thrombospondin type 1 repeat homology
F:441-495/Domain: thrombospondin type 1 repeat homology <THR2>
F:500-555/Domain: thrombospondin type 1 repeat homology <THR3>
F:557-611/Domain: thrombospondin type 1 repeat homology <THR4>
F:613-666/Domain: thrombospondin type 1 repeat homology <THR1>
F:667-721/Domain: thrombospondin type 1 repeat homology <THR5>
F:753-807/Domain: thrombospondin type 1 repeat homology <THR6>

Query Match		26.1%	Score 458.5;	DB 2;	Length 807;
Best Local Similarity		33.3%;	Pred. No. 1.5e-28;		
Matches 114;		Conservative 51;	Mismatches 134;	Indels 43;	Gaps 11;
QY	9	ALGKALCALLATLGAAGQPLGSESTCSARAPAKYSITFTGKWSQTAFPKQYPLFRPPAQ	68		
DB	176	SLTKKLCEQDTLGDVTDTRPI---LDCCACGTAKYRLTFYGNWSEKTHPKDYP--RRANH	230		
QY	69	WSSLGAHSSDYSMWRKNQYVNGLRDFAERCEAWALMKEIEAAGALOSVHE-----	122		
DB	231	WSAIIIGSHSKNYLVMEYGGYASGVKQVAELGSPVKMEEIRQQSDDEVITVIRAKAQWP	290		
QY	123	-----VFSAPVPSGTGTSAELEVQRHSLVSFVVRIVPSPDFVGVDSLDLDCGD-R	175		
DB	291	SNQPVNVRAP-----SAEFSVDRTHLMSFLTMWGSPDNVNVGLSAEDLCTKECG	341		
QY	176	WREQAALDLYPYDAGTSGFTFSSPNFATIPQDVTVEITSSSPHSFANSFYPRLKALPP	235		
DB	342	WYQKVQVDLIPWDAGTSGVTYESPNKTIPOEKIRPLTSL--DHQSPFYDEGGSGITQ	399		
QY	236	IARVTLRLI-RQSPRAFIPAPVLPSPRDNEIVDSASVPE-----TPLDCEVLSWSWGL	288		
DB	400	VARVVTIERARKEQCNIIPDNV----DIVADLA--PEEKDEDDTPTETCIYNSWSPSA	453		
QY	289	CGSHCGRLGTGKSRTRVVRVQPNANGSPCPLEBEAEACVPDNC	330		
DB	454	CSSTCEKGRMRQRMKQA-LDLSVPCPDTQDFQFCMGPGC	494		

```
RESULT 2
A47723
F-spondin precursor - African clawed frog
C:Species: Xenopus laevis (African clawed frog)
C>Date: 27-Jun-1994 #sequence_revision 27-Jun-1994 #text_change 09-Jul-2004
C:Accession: A47723
R:Ruiz i Altaba, A.; Cox, C.; Jessell, T.M.; Klar, A.
Proc. Natl. Acad. Sci. U.S.A. 90, 8268-8272, 1993
A:Title: Ectopic neural expression of a floor plate marker in frog embryos injected with
A:Reference number: A47723; MUID:93376785; PMID:8367492
A:Accession: A47723
A:Status: preliminary
A:Molecule type: mRNA
A:Residues: 1-803 <RUI>
A:Cross-references: UNIPROT:P35447; GB:I09123; NID:g409244; PIDN:AAA19105.1; PID:g409245
C:Superfamily: F-spondin; thrombospondin type 1 repeat homology
F:435-489/Domain: thrombospondin type 1 repeat homology <THR2>
F:607-662/Domain: thrombospondin type 1 repeat homology <THR1>

Query Match 25.4%; Score 447.51; DB 2; Length 803;
Best Local Similarity 33.1%; Pred. No. 1.1e-27;
Matches 113; Conservative 51; Mismatches 134; Indels 43; Gaps 12;

QY 9 ALGKALLATLGAAGQPLGGEI---CSARAPAKYSITFTGKWSQTAFPPKQYPLFRP 65
DB 172 SLTKMCELDLTLEG-----GNEKTIPTCCAGTAKYRLTFYGNWSEKAKPKDYP--RR 223

QY 66 PAQWSSLLGAHSSDYSMWRKNQYVNSGLRDPFAERGEAWALMKEIEAAGEALQS- 120
DB 224 ANHWSAIIIGSHSGEYVLMEYQ-ASDGKQVAELGSPVKMBEIEIRKQGDVLTVIKAKA 282

QY 121 -----HEVFSAPVPSGTGTSAELEVRHSLVSFVVRIVPSPDWFGVDSLDLDCGD-R 175
DB 283 QNPAMQPLNVRAP-----SAEFSVDRSRHLSFLAMGPSPDWNVGLTSDCLCTKECG 336

QY 176 WREQAALDLPYDAGTDSGTFSSPNFATIPQDTVTEITS-SSPSHPANSFYPRLKALP 234
DB 337 WYQKVQDLIPWDAGTDSGTVTESPNKPTIPQDKIRPLTSLDHPQSPSMT----RGPII 392

QY 235 PIARVTLRLRSPRAFIPAPVPLSRDNEIV-----DSASVPETPLDCEVLSWWSGLC 289
DB 393 PIARVIERIARKGE-----QCNIIPDNVDIADVLVTEKDEDDTPTETCIYSNWSPWSAC 448

QY 290 GGHGCGRLGTSKTRVYRVQPNNGSPCPPELEBEACVPDNC 330
DB 449 SSATCDKGRMRQRMILKAQ-LDLSVPCPTQDFPCMGPGC 488

RESULT 3
T34212
Hypothetical protein F10E7.4 - Caenorhabditis elegans
C:Species: Caenorhabditis elegans
C>Date: 29-Oct-1999 #sequence_revision 29-Oct-1999 #text_change 09-Jul-2004
C:Accession: T34212
R:Pauley, A.
submitted to the EMBL Data Library, November 1995
A:Description: The sequence of C. elegans cosmid F10E7.
A:Reference number: Z21489
A:Accession: T34212
A:Status: preliminary; translated from GB/EMBL/DBJ
A:Molecule type: DNA
A:Residues: 1-805 <PAU>
A:Cross-references: UNIPROT:Q19305; EMBL:U41264; PIDN:AAA82427.1; CESP:F10E7.4
C:Genetics:
A:Gene: CESP:F10E7.4
A:Introns: 9/1; 34/3; 57/1; 90/3; 128/3; 162/1; 205/1; 285/2; 417/1; 475/1; 606/1; 745/1

Query Match 22.9%; Score 403; DB 2; Length 805;
Best Local Similarity 27.9%; Pred. No. 3.9e-24;
Matches 102; Conservative 54; Mismatches 131; Indels 78; Gaps 9;

QY 35 CSARAPAKYSITFTGKWSQTAFPPKQYPLFRPPAQWSSLLGAHSSDYSMWRKNQYVNSGL 94
DB 177 CCACDIAQYDLEFTGIWSKNTHPKDYPTLEHLTHFTDMLGSSHSNYSYLTWTGGISTDGM 236

QY 95 RDPFAERGEAWALMKEIEAAGEALQSVEHVSFAPVPSGTGTSAELEVRHSLVSFVVR 154
DB 237 KEIAEWGNTYKAEAKAKASEVRLMKV-KGLWFPDVOGTTKSFQVNVKNYHFFVSLATM 295

QY 155 IVPSPDWFGVDSLDLDCGD-RWREQAALDLPYDAGTDSGTFSSPNFATIPQDTVTEI 213
DB 296 FQPSPDWCVGLSSVNLCLPDCDCTWAERTFELQPDAGTDSGTYMSPNEPTFPRPIHWI 355

QY 214 TSSSPSHPANSFYPRLKALPPIAVTLR----- 243
DB 356 TTK--LNPLSPFYNKSDTIPTLAKVILRRKNVTSSECKSDDDILKAEAHNITNTSDEEY 413

QY 244 -----LRQSPRAFIPAPV-----LPSRDNEI 265
DB 414 KDRRECMQTQWEPWLSLCSATCGKIRISRVVFFPIKAQVFCHQRTTKEQPCNAKINEC 473

QY 266 VDSASVPETPLDCEVLSWWSGLCGHCGRLGTSKTRVYRVQPNNGSPCP-ELEEEAE 324
DB 474 ENSEAFSS---KCQVSSWGSWGECSVQCGH-GWRSRNR-TFLNPATKSGDCSDVLERKDI 528

QY 325 CVPDN 329
DB 529 CVGEN 533

RESULT 4
I48694
probable transcription factor NFE2L1 - mouse
N:Alternate names: NFE2-related factor 1
C:Species: Mus musculus (house mouse)
C>Date: 15-Mar-1996 #sequence_revision 15-Mar-1996 #text_change 09-Jul-2004
C:Accession: I48694; S44137
R:McKie, J.; Johnstone, K.; Mattei, M.G.; Scambler, P.
Genomics 25, 716-719, 1995
A:Title: Cloning and mapping of murine Nfe2l1.
A:Reference number: A56006; MUID:95278942; PMID:7759107
A:Accession: I48694
A:Status: preliminary
A:Molecule type: mRNA
A:Residues: 1-741 <RES>
A:Cross-references: UNIPROT:Q61985; EMBL:X78709; NID:g473089; PIDN:CAA55362.1; PID:g47309
C:Superfamily: human transcription factor TFC11; fos/jun DNA-binding domain homology
F:617-658/Domain: fos/jun DNA-binding domain homology <FJD>

Query Match 6.8%; Score 120.5; DB 2; Length 741;
Best Local Similarity 22.9%; Pred. No. 0.12;
Matches 68; Conservative 42; Mismatches 102; Indels 85; Gaps 14;

QY 73 LGAHSS-SDYSMWRKNQYVNSGLRDPFAERGEAW-----ALMKEIEAAGEALQSVEHVS 125
DB 185 LGAGREVPDYSHRQEQVDVDELQDGREREDTWSGEGAEALARDLLVDGTGESFPQAFP 244

QY 126 A--PAVPSGTGTSAELEVRHSLVSFVVRIVPSPDWFGVDSLDLDCGDWRRE-QAAL 182
DB 245 ADVSSIPEAVPSESESPALQ--NSLLSPLLTGTESP-----FDL--EQWQDLMSIM 292

QY 183 DLYPYDAGTD-SGFTFSSPNFATIPQDTVTEITSSPSHPAN-----S 224
DB 293 EQMAEVTNASEILYNAP-----FGDPLSSNYSIAPNTPIQNYSLSHQAISLGGCSQDFS 347

QY 225 FYPRLKALPPIARVTLRLRSPRAFIP-----PAPVPLPSRDNEIVDSASVPETP- 275
DB 348 LFSPEVESLPVASSSTLLPLVPSNSTSLNFTGNTLAGFPFFPSQLNGTANDTSGPELDP 407

QY 276 -----LDCEVLSWWSGLCGHCGRLGTSKTRVYRVQPNNGSPCPPELEEE 322
DB 408 PLGGLLDEAMLD-EISLMD-----LAIEEGFNPVQASOLEEE 443
```

RESULT 5

D89447 protein F57C12.1 [imported] - Caenorhabditis elegans
C:Species: Caenorhabditis elegans
C:Date: 10-May-2001 #sequence_revision 10-May-2001 #text_change 09-Jul-2004
C:Accession: D89447
R:anonymous, The C. elegans Sequencing Consortium.
Science 282, 2012-2018, 1998
A:Title: Genome sequence of the nematode C. elegans: a platform for investigating biology
A:Reference number: A75000; PMID:99069613; PMID:9851916
A:Note: see websites genome.wustl.edu/gsc/C_elegans/ and www.sanger.ac.uk/Projects/C_ele
A:Note: published errata appeared in Science 283, 35, 1999; Science 283, 2103, 1999; and
A:Accession: D89447
A:Status: preliminary
A:Molecule type: DNA
A:Residues: 1-770 <STO>
A:Cross-references: UNIPROT:Q20942; GB:chr X; PIDN:AAA83298.1; PID:g1118070; GSPDB:GN000
A:Note: similar to S. purpuratus Span protein (PIR:S22060)
C:Genetics:
A:Gene: F57C12.1
A:Map position: X
A:Superfamily: metalloproteinase hch-1; astacin homology
F:220/Active site: Ser #status predicted

Query Match 6.7%; Score 117.5; DB 2; Length 770;
Best Local Similarity 23.5%; Pred. No. 0.21;
Matches 67; Conservative 34; Mismatches 95; Indels 89; Gaps 15;

QY 72 LIGAAHSSDYSWMKRNQVYNSGLRDFAEGERAWALMKEIEAAGEALQSVH-----EVF 124

Db 469 LTGARYCC--SILPKNRFFS-----FKNEIIMRGYRSSGAGFKAFKFNLSGEGV 519

QY 125 SAPAVP-----SGTGTSAELEYQRRHSLVSFVVRIVPSPDFWGVDSLDLDCGDRW 176

Db 520 STPLPTTAPLPEISSETTKQPEPTTVQSTTTTTPRTAKKQFFT----- 566

QY 177 REQALDLVPYDAG--TDSGTFSS-----PNFATPQDTVTITSSSSPHAN 223

Db 567 RKPITPIPLTSSSTTSTSTSSSTQSTTQWLPTEPSPAT---GETEITTTASPT--- 618

QY 224 SYVYPRLKA-LPIARVTLRLRQSPRAPIPAPVLPS-RDNEIVDSASVPETPLDCEVS 281

Db 619 ITLFPSTLTPPINSL-----AGVLPSTQAPDIINSV-----LECGCG 657

QY 282 LWSW-GLCGGCHGRLGTRSRTRYVRVQPN-----NGSPCP 318

Db 658 ANSEWQGECSQQCGGCHRLRKRCKEACRKEKPCNFSACPD 702

RESULT 6

A55004 transcription factor TFC11 - human
N:Alternate names: LCR-F1 protein
C:Species: Homo sapiens (man)
C:Date: 11-Nov-1994 #sequence_revision 11-Nov-1994 #text_change 09-Jul-2004
C:Accession: A55004; S48097
R:Luna, L.; Johnsen, O.; Skartlien, A.H.; Pedetour, F.; Turc-Carel, C.; Prydz, H.; Kole
Genomics 22, 553-562, 1994
A:Title: Molecular cloning of a putative novel human bZIP transcription factor on chromo
A:Reference number: A55004; PMID:95095252; PMID:8001966
A:Accession: A55004
A:Status: preliminary
A:Molecule type: mRNA
A:Residues: 1-772 <LUN>
A:Cross-references: UNIPROT:Q14494; GB:X77366; NID:G541677; PIDN:CAA54555.1; PID:G541678
R:Caterina, J.J.; Donze, D.; Sun, C.W.; Ciavatta, D.J.; Townes, T.M.
Nucleic Acids Res. 22, 2383-2391, 1994
A:Title: Cloning and functional characterization of LCR-F1: a bZIP transcription factor
A:Reference number: S48097; PMID:94310069; PMID:8036168
A:Accession: S48097
A:Status: preliminary

A:Molecule type: mRNA
A:Residues: 326-772 <CAT>

C:Genetics:

A:Gene: GDB:TCF11
A:Cross-references: GDB:293921; OMIM:600115
A:Map position: 17q22-17q22
C:Superfamily: human transcription factor TFC11; fos/jun DNA-binding domain homology
C:Keywords: DNA binding; leucine zipper; transcription factor
F:648-689/Domain: fos/jun DNA-binding domain homology <FJD>

Query Match 6.5%; Score 114; DB 2; Length 772;

Best Local Similarity 24.6%; Pred. No. 0.4;

Matches 69; Conservative 32; Mismatches 90; Indels 90; Gaps 15;

QY 73 LGAHHS-SDYSWMKRNQVYNSGLRDFAEGERAWALMKEIEAAGEALQSVHVFSA 126

Db 185 LGAGREVDYSHRQKEQDVEKELRDGGQDTWAGAEALARNLLVDGTGGSF----- 238

QY 127 PA-VPSGTGQTSAELEVQRR-----HSLVSFVVRIVPSPD----- 160

Db 239 PAQVSGEDQATLSLEECRLLEATCFGENAEFFADISSITEAVPSESEPPALQNNLS 298

QY 161 -WFGVDS-LDLCGDRWR-QAALDLYPYDAGTD-SGTFSSPNFATIPQDTVTITSS 216

Db 299 PLLTGTESPFDL--EQWQDLMSIMEMQAMEVNTSASEILYSAP-----PGDPLSTNYSL 351

QY 217 SPSHPANS-----FYPRLKALPIARVTLRLRQSPRA----- 250

Db 352 APNTINQVNSLHQASGCSQDFLLFSEVESLPVASSSTLLPLAPSNTSLNSTFGST 411

QY 251 -----FIPP-----APVPSRDNEIVDSASVPETPL 276

Db 412 NUTGLFFPQLNGTANDTAGPELPDPLGGLLDEMLDEISL 452

RESULT 7

TRAP-C2 protein - Cryptosporidium parvum (fragment)

C:Species: Cryptosporidium parvum

C:Date: 01-Feb-1995 #sequence_revision 12-May-1995 #text_change 09-Jul-2004

C:Accession: S49108

R:Spano, F.S.; Ranucci, L.R.; Catteruccia, F.C.; Saccheo, S.S.; Crisanti, A.C.

A:Description: Thrombospondin related protein in Cryptosporidium.

A:Reference number: S49108

A:Accession: S49108

A:Molecule type: DNA

A:Residues: 1-123 <SPA>

A:Cross-references: UNIPROT:Q27550; EMBL:X77586; NID:G509278; PID:G509279

F:6-61/Domain: thrombospondin type 1 repeat homology <THR1>

Query Match 6.1%; Score 108; DB 2; Length 123;

Best Local Similarity 40.4%; Pred. No. 0.13;

Matches 23; Conservative 6; Mismatches 26; Indels 2; Gaps 2;

QY 275 PLDCVSLWSSWGLCGHGRIGTRSRTRYVRVQPN-NGSPCPLEEEBAECVPDNC 330

Db 5 PLSCVTSEGNWNSRLTCG-IGHQWRSRSVIKAPKQNLFOCPETROIQICQDTC 60

RESULT 8

T24232

hypothetical protein R17.3 - Caenorhabditis elegans

C:Species: Caenorhabditis elegans

C:Date: 15-Oct-1999 #sequence_revision 15-Oct-1999 #text_change 09-Jul-2004

C:Accession: T24232

R:Barlow, K.

A:Reference number: Z19860

A:Accession: T24232

A:Status: preliminary; translated from GB/EMBL/DBDJ

A:Molecule type: DNA

A:Molecule type: mRNA
A:Residues: 1-812 <UEK>
A:Cross-references: UNIPROT:Q43270; EMBL:D73410; NID:g1020408; PIDN:BAAL1135.1; PID:g1020408
A:Experimental source: cultivar Mol7
C:Superfamily: phospholipase D, plant type
C:Keywords: phosphoric diester hydrolase

Query Match 5.7%; Score 100.5; DB 2; Length 812;
Best Local Similarity 24.0%; Pred. No. 5.1; Mismatches 31; Indels 95; Gaps 19;
Matches 73; Conservative 31

QY 32 ESIC SARAPAKYISITFTGKWS-QTAPFKQYPLFRPPAQWSSLLGAHSSDYSMWRKNQTV 90
DB 216 EDIFDAISKAQHLLIYITG-WSVYTEITLVRDTPKPGGDVTLGEL-----LKRK---A 265
QY 91 SNGLR-----DPAERGEAWALMKEIEAAGALQSVEHVFSA-----PAVPSGT 133
DB 266 SEGVRVIMLVMDRTSVGLLKK-----DGLMATHDEETANYFHGTDVNCVLCPRNPDDSD 319
QY 134 GQTSAELEQV---RRHSLVSFVVRIVPSPD-----WFGVDSLDLDCDGRWREQ----- 179
DB 320 GSFVQDLQISTWETHQKIVVVDHMPNGSQORRIVSFIG--GIDLCDG-RYDQYHSL 376
QY 180 -AALDLYPYDAGTSGFTSSNFATIPQDTVTTEITSSPSHPANSFYPRLKALPPPIA- 237
DB 377 FRTLDTVHED-----DFHQPNFEG-----GSIKKGGRPRWHDI-HSRLEG--PIAW 420
QY 238 -----RVTLRLRQSPRAFIPIAPVLPSPRDNEI-----VDSASV----- 271
DB 421 DVLYNFEQRWRKQGGKDLVRLRDLPIIIPSPVMPFEDRETWNVQLFRSIDGGAAGFG 480
QY 272 PETP 275
DB 481 PETP 484

RESULT 12
A57293
latent transforming growth factor beta-binding protein 3 precursor - mouse
N:Alternate names: mitosis-inhibitory peptide
C:Species: Mus musculus (house mouse)
C:Date: 01-Dec-1995 #sequence_revision 01-Dec-1995 #text_change 09-Jul-2004
R:Yin, W.; Smiley, E.; Gemmiller, J.; Mechem, R.P.; Florer, J.B.; Wenstrup, R.J.; Bonadi
J. Biol. Chem. 270, 10147-10160, 1995
A:Title: Isolation of a novel latent transforming growth factor-beta binding protein gen
A:Reference number: A57293; MUID:95247723; PMID:7730318
A:Accession: A57293
A:Status: preliminary
A:Molecule type: mRNA
A:Residues: 1-1251 <YIN>
A:Cross-references: UNIPROT:Q61810; GB:I40459
R:Reichelt, K.L.; Paulsen, J.E.; Elgjo, K.
Virchows Arch. B Cell Pathol. 59, 137-142, 1990
A:Title: Isolation of a growth and mitosis inhibitory peptide from mouse liver.
A:Reference number: A60487
A:Accession: A60487
A:Molecule type: protein
A:Residues: 65-69 <REI>
C:Comment: The molecular source of this pentapeptide has not been shown but it correspon
C:Genetics:
A:Gene: lbbp-3
C:Keywords: liver; pyroglutamic acid
F:338-373/Domain: EGF homology <EGF>
F:65/Modified site: pyrrolidone carboxylic acid (Gln) (in mature form) #status experimen

Query Match 5.7%; Score 100; DB 2; Length 1251;
Best Local Similarity 24.0%; Pred. No. 9.5; Mismatches 23; Indels 114; Gaps 18;
Matches 75; Conservative 23

QY 30 GGESIC SARAPAKYISITFTGKWSQTAPFKQYPLFRPPAQWSSLLGAHSSDYSMWRKNQY 89
DB 100 GQVQ---CSSRNQCLPPDFTRFCQV-----PAAGT---GAGTGSSGFGWPDDRAM 143

QY 90 VSNGLRDPFAERGEAWALMKEIEAA-----GEALQSVEHVFSAVPSCGTGOTSSEL 140
DB 144 STGPLPPLAPEGESVASKHAIYAVQVIADPPGEGEPQAHAFA-----LVPLGPGQISAA-- 198
QY 141 EYQRRHSLVSFVVRIVPSDPWFVGVDSLDLDCDGRWREQAALDLYPYDAGTDSGFTSSP 200
DB 199 EQVQAPPPVNV--VRVHHPPEASVQVHRIE-----GP 227
QY 201 NFATIPQDTVTTEITSSPSHPANSFYPRLKALPPARVTLRLRQSP--RAFIIPAPVL 258
DB 228 N-AEGPASSQHLLPHPKQHPR-----PP-----TQKPLGRCFQDTLPKQ 266
QY 259 PSRDNEIVDSASVPETPL-----DCEVSLSSWGLCGGH-CGRLGTKSRTEYVVO-- 308
DB 267 PGCSN-----PLPGLTKQEDCCSGSIGTAMGQSKCHKCPQL-----QYTGQVKP 309
QY 309 -PANN--GSPCPE 318
DB 310 VVVRGEVGDCCPQ 322

RESULT 13
I46687
complement component C8 beta subunit - rabbit
C:Species: Oryctolagus cuniculus (domestic rabbit)
C:Date: 14-Feb-1997 #sequence_revision 14-Feb-1997 #text_change 09-Jul-2004
C:Accession: I46687
R:White, R.V.; Kaufman, K.M.; Letson, C.S.; Platteborze, P.L.; Sodetz, J.M.
J. Immunol. 152, 2501-2508, 1994
A:Title: Characterization of rabbit complement component C8: Functional evidence for the
A:Reference number: I46686; MUID:94179833; PMID:7510745
A:Accession: I46687
A:Status: preliminary; translated from GB/EMBL/DBBJ
A:Molecule type: mRNA
A:Residues: 1-590 <WHI>
A:Cross-references: UNIPROT:P81137; GB:I26980; NID:g469062; PIDN:AAA31192.1; PID:g469063
C:Superfamily: complement C9; EGF homology; LDL receptor ligand-binding repeat homology;
F:83-117/Domain: thrombospondin type 1 repeat homology <THR>
F:122-155/Domain: LDL receptor ligand-binding repeat homology <LDL>
F:503-534/Domain: EGF homology <EGF>

Query Match 5.7%; Score 99.5; DB 2; Length 590;
Best Local Similarity 33.3%; Pred. No. 4.1; Mismatches 15; Indels 13; Gaps 6;
Matches 28; Conservative 15

QY 246 QSPRAFIPPA---PVLPSRDNEIVDSASVPETPLDCEVSLSSWGLCGHCGRLGTSRRT 302
DB 33 ERPSLEPTVVNRSLAKSRHSRSDATPM---PIDCELSWSWSWTWC-DPC-----QKKRY 84
QY 303 RVV-RVQPAN-NGSPCPELEEEAE 324
DB 85 RHAYLLRPSQFNGEPCNFSDEKE 108

RESULT 14
T03402
probable phospholipase D (EC 3.1.4.4) - rice
C:Species: Oryza sativa (rice)
C:Date: 24-Mar-1999 #sequence_revision 24-Mar-1999 #text_change 09-Jul-2004
C:Accession: T03402
R:Ueki, J.; Morioka, S.; Komari, T.; Kumashiro, T.
Plant Cell Physiol. 36, 903-914, 1995
A:Title: Purification and characterization of phospholipase D (PLD) from rice (Oryza sativ
A:Reference number: Z14933; MUID:96012933; PMID:7551587
A:Accession: T03402
A:Status: preliminary; translated from GB/EMBL/DBBJ
A:Molecule type: DNA
A:Residues: 1-812 <UEK>
A:Cross-references: UNIPROT:Q43007; EMBL:AB001920; NID:g1902902; PIDN:BAAL19467.1; PID:g1902902
A:Experimental source: cv. Koshihikari, leaf
C:Genetics:
A:Introns: 35/3; 668/1

